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The Official Journal of the NORTH CAROLINA MEDICAL SOCIETY July 1986, Volume 47, Number 7

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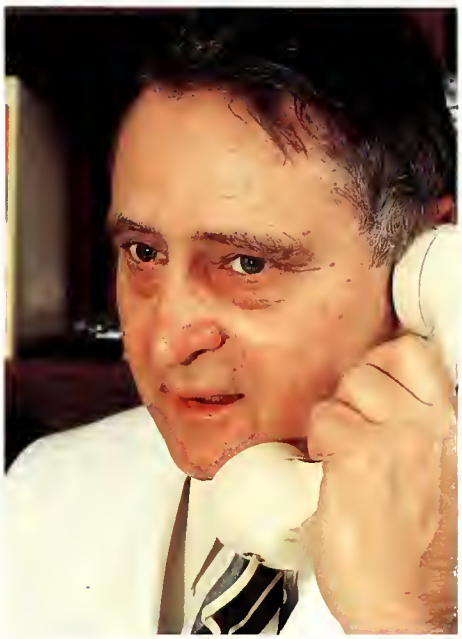
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SCIENTIFIC ARTICLE

One Small Slip and Its Consequences

Malcolm Pleydell, M.D., D.P.H.

AS a medical officer of health I used to find that just one or two cases of food poisoning, let alone an outbreak, were a cause for apprehension and concern. It was only in retrospect that I could regard them with the detached interest of a detective story.

But there was perhaps one exception to this generalization. The incident began on a beautiful summer morning with two small boys who lived on a council estate on the outskirts of a borough with a population of about 60,000. The boys obtained their parents' consent to go fishing in a nearby stream, but once out of sight of the council houses they changed their minds and decided to explore the countryside. Soon they reached a fence with a "No Admission" sign. They promptly climbed through the wire and found themselves in a completely new world of large rectangular tanks separated by parapets. There was the fascinating sound of running water; some of the tanks were full, some only partly filled; and there was a sweet but not unpleasant smell in the air. They had discovered the borough's sewage works.

They explored further, but in walking along the top of a parapet one boy lost his balance and fell into a settling tank. He regained his feet, and fortunately the water level only came up to his neck. The difficulty was that he could not reach the top of the parapet to pull himself out, and his friend looking anxiously down could not pull him out by his hands, his jersey, or his hair. It was one of those occasions when children suddenly become adults. In a hurried discussion the boys decided that the one who had fallen into the tank should stay exactly where he was, quite still, while his companion ran back to the housing estate to raise the alarm.

Not long afterwards the whole estate knew what had happened. Housewives in colored aprons began running across the fields towards the sewage works, followed by men with ladders, ropes, and anything useful to hand. When they arrived they found that the boy was still safe where he had been left. He had not moved, and with the help of ladders and ropes he was pulled to safety. White with shock and exhaustion, he collapsed to the ground. Soon the ambulance arrived and he was taken away to the local infectious diseases hospital. Subsequent examinations showed that he had contracted Sonne's dysentery, but, what was of more concern, he was also excreting *Salmonella typhi*. His recovery was uneventful, but we were left with the problem that, since no case of typhoid fever had been notified, there was probably a typhoid carrier in the borough. The fact that *S typhi* could be recovered from a small percentage of samples from large sewage works did not lessen the uneasy feeling that we might have a counterpart to "typhoid Mary" somewhere in the vicinity.

Pursuing the Positive Cultures

In discussing the position with the director of the public health laboratory we decided that we could not turn a blind eye to the facts: we had to track the infection up the town's sewage system. This we did with the help of the public health inspector by placing the first swab at the entrance of the sewage effluent into the sewage works. The swab grew a culture of *S typhi*. Further swabs were then suspended from manholes where branch sewers entered the main sewer. The first few swabs grew positive cultures from the main sewer but negative cultures from the branch sewers. Then we reached the manholes where the swab from the main sewer was negative but that from the branch was positive. We pursued the same procedure up the branch sewer, then to the minor street sewers that fed into it, until at last we had identified the street and finally the last positive culture in the street. Curiously enough, throughout this process no one took the slightest interest in our activities. Pedestrians were not concerned, the press mercifully was ignorant, and the only problem was to keep barking dogs at bay.

The last positive culture came from a manhole in a poor district, and it was served by a common drain from about eight terraced houses. Each house had its privy in a yard at the back of the building so we attached swabs to each lavatory pan and within a short while the house whose lavatory swab provided a positive culture was identified.

That evening I called to see who was at home. Only two people were living there, a mother and her mentally handicapped son. The father had left soon after the birth of the child. It certainly was not easy to explain the position to the mother, but when I discovered that she worked as a floor cleaner in the main hospital and might be called into the kitchen if there was a staff shortage I drew out a simple chart of the town's sewage system and little by little convinced her of the risks to the public and even more to her son. She was a sad little woman whose only thought was for her handicapped child, who attended a special unit each day, so somewhat reluctantly she agreed that they should both provide specimens of stools. As we had expected, her specimen was positive and the boy's was negative.

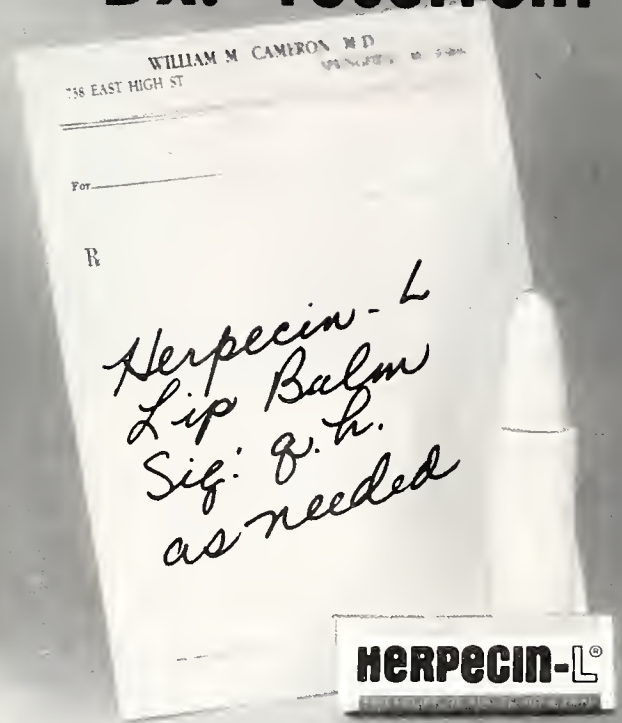
Consultation with the general practitioner and consultant

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physician resulted in treatment with a whole series of drugs, but to no avail. It remained only to see if she would consent to a cholecystectomy, and after some persuasion, but still not understanding, she did agree — on condition that her son, who would be cared for in a children's home, should be allowed to visit her each day. Fortunately, the operation was successful, and all subsequent cultures of specimens from the mother and the sewers were negative. Each day the handicapped son was taken to see his mother for an emotional reunion.

Eventually, she was discharged from hospital for a well deserved convalescent holiday with her son. When they returned the boy resumed attendance at his special unit and the mother returned to her work at the hospital. The file was closed. Afterwards I used to think how strange it was that the lives of two families in the town had become linked together in this way although they had never met or known each other. But had all the investigation and upheaval been necessary? There is seldom proof in public work, but I like to think that the effort was worthwhile.

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SCIENTIFIC ARTICLE

Delta Hepatitis in North Carolina: Learning from a Patient

J. L. Drucker, M.D., D. J. Jacob, M.D., and J. D. Hamilton, M.D.

THE familiar course of hepatitis B viral infection has been complicated by the recent recognition and spread of delta hepatitis. With the availability of specific diagnostic reagents, delta has been identified as a serious pathogen both in sporadic cases and in outbreaks of hepatitis in North Carolina (Weber, Chorba, Meriwether, Lemon: unpublished observations).[1-3] Our experience with a 30-year-old black man is instructive.

The patient came to the Durham VA Medical Center complaining of a one-week history of malaise, nausea, vomiting, diarrhea and scant bright red blood per rectum. He had previously been in good health except for a five-year history of abuse of intravenous drugs including cocaine, amphetamines and dilaudid. His family and friends related that he frequently shared needles with other drug abusers and used dirty needles for his illicit injections. There was no history of hepatitis, alcohol abuse, homosexual activity or blood transfusion.

He was ill-appearing, afebrile and in no acute distress. His blood pressure was 120/70, and his pulse was 62 and regular without orthostatic change. His sclerae were markedly icteric. The examination was otherwise remarkable only for a tender liver edge palpable 1 cm below the right costal margin with the total liver span of 12 cm by percussion. The rectal exam revealed yellowish stool that was guaiac positive. His neurologic exam was normal with no asterixis.

Laboratory values included a total bilirubin of 11.9 mg/dl (normal 0-1.4); AST (SGOT) of 2,016 IU/l (normal 5-35); ALT (SGPT) of 1,920 IU/l (normal 5-35); prothrombin time of 13.2 sec (control 11 sec) and partial thromboplastin time of 40.5 sec (control 32 sec). White blood cell count, hematocrit, serum electrolytes and BUN/creatinine were all within normal limits. Given the date (February 1985) he was not tested for acquired immunodeficiency syndrome; today he would be. A diagnosis of acute hepatitis was made but the patient refused hospital admission. Hepatitis serologies drawn at that time are noted in table 1.

Eighteen days later the patient was brought to the emergency room in a semi-comatose state. He was afebrile and dehydrated with blood pressure 110/70 mm Hg and pulse 72 supine changing to blood pressure of 90/60 mm Hg with pulse of 110 sitting. Scleral icterus and yellowish, guaiac positive stool were again noted. The abdomen was diffusely tender with hypoactive bowel sounds and no rebound tenderness. The liver edge was no longer palpable nor was the spleen palpable. Neurologic exam was remarkable for stupor and the development of asterixis since the previous examination.

Serum electrolytes were normal; BUN 2 mg/dl (normal 6-23); creatinine 1.3; bilirubin 35 mg/dl (total); AST 575; ALT 192. Venous ammonia level was 148 U/mol/l (normal 11-35).

The patient was admitted to the intensive care unit and treated with lactulose per nasogastric tube and intravenous fluids. He developed brisk mucosal bleeding. Intubation and mechanical ventilation were required to maintain an adequate airway. In spite of these supportive efforts the patient's condition deteriorated, and he developed numerous electrolyte abnormalities including hypernatremia, hypokalemia and hypoglycemia. The patient's hemodynamic status deteriorated as well despite correction of these abnormalities and support with packed red blood cells, fresh-frozen plasma and eventually IV pressor agents. On the eighth hospital day, after having profuse bleeding from the mouth and rectum, the patient died.

Subsequent evaluations included a limited autopsy, serologic and immunohistopathologic studies for delta virus. The autopsy revealed massive hepatic necrosis with liver weight of 1100 g (minimum liver weight for this 88 kg man would be 1700 g). Microscopically, the liver was diffusely necrotic with only a few focal areas of reactive hepatocytes. There was diffuse mucosal hemorrhage throughout the GI tract.

Table 1
Serologic Tests for Viral Hepatitis*

	Antigen	*Antibody*
Hepatitis A Virus (HAV)	N.A.	IgG-Negative IgM-Negative
Hepatitis B Virus		
Surface Antigen (HBsAg)	Positive	Negative
Core Antigen (HBcAg)	N.A.	IgG-Positive IgM-Positive
E Antigen (HBeAg)	N.D.	N.D.

*Specimen taken 2/10/85
N.A. = not available
N.D. = not done

From the Department of Medicine, VA Medical Center, Durham 27705.

Table 2 summarizes the results of investigations for delta virus (kindly performed by R. Engle and A. Smedile, M.D., Department of Microbiology, Division of Molecular Virology and Immunology, Georgetown University School of Medicine).

Discussion

Delta hepatitis was first described in Italy in 1977 as an antigen detected in the liver of chronic carriers of hepatitis B virus.[4] Knowledge of delta is still limited; however, the data have recently been reviewed by Rizzetto and Verme.[1] The 35 mm particle consists of delta antigen and a small RNA genome, surrounded by hepatitis B surface antigen. Since delta requires helper functions of hepatitis B virus for replication, infection occurs only in patients with hepatitis B virus infection. Susceptible patients are either those infected simultaneously with both viruses or those with chronic hepatitis B virus infection who become superinfected with delta.

The close relationship between delta and hepatitis B virus accounts for their similar epidemiologic characteristics. Transmission occurs through blood or other body fluids. Parenteral infection is the most efficient means of establishing infection, resulting in a high incidence in users of illicit intravenous drugs.[2] Non-parenteral transmission has occurred through household contacts.[5]

Acute co-infection of hepatitis B virus and delta hepatitis virus follows the typical course of hepatitis B virus infection. If HBs antigenemia is limited, then the duration of viremia is too short to allow expression of delta hepatitis virus. In many cases, the immune response to delta may be aborted, allowing delta to escape diagnosis. If the course of hepatitis B infection is prolonged, then the pathogenesis of delta becomes significant. The additive effects of hepatitis B virus and delta hepatitis virus may cause fulminant disease. Detectable delta antigenemia denotes hepatic necrosis.

Table 2
Diagnostic Tests for Delta Virus

	Serum Antibody		*Immunohistopathology of liver*
Time	*IgG*	*IgM*	*for viral antigen*
Early 2/10/85	Negative	Negative	N.D.
Late 3/6/85	Positive	Negative	Positive*

*Positive only for delta antigen, not for hepatitis B

Chronic carriers of hepatitis B virus are a vast population of susceptible targets for delta. The host impaired by hepatitis B virus provides excellent conditions for replication of delta agent. Hepatitis B virus carriers develop clinically evident hepatitis with antibody seroconversion but delta antigen has usually cleared the bloodstream by the time of diagnosis. Disease may be mistaken for an exacerbation of the underlying hepatitis B virus disease. The course is usually active and chronic and although the antigen is undetectable, serum remains highly infectious. Genetic recombination studies detect the presence of delta RNA in the serum.[2] Subclinical episodes of delta have been documented in epidemiologic surveys.

This patient's history of drug abuse and rapid deterioration served as a clue for the diagnosis which was subsequently confirmed by histology. Although not certain, it appears most likely that the patient was co-infected with both delta and hepatitis B as indicated by the absence of antibody to surface antigen and the presence of IgM to the core antigen of hepatitis B.

The Department of Human Resources reported a rise in cases of hepatitis B infection in North Carolina in 1985. Preliminary evaluation of many of these cases has revealed that some have had concurrent delta infection (Weber, Chorba, Meriwether, Lemon: unpublished observations).

Hepatitis B virus remains a major worldwide health problem as well as a statewide problem. As containment measures are implemented the spread of hepatitis B and therefore delta should be curtailed.

References

1. Rizzetto M, Verme G. Delta hepatitis — present status. J Hepatology 1985;1:187-93.
2. Govindarajan S, Chin KP, Redeker AG, Peters RL. Fulminant B viral hepatitis: role of delta agent. Gastroenterology 1984;86:1417-20.
3. Smedile A, Lavarini C, Farci P, et al. Epidemiologic patterns of infection with the hepatitis B virus associated with delta agent in Italy. Am J Epidemiol 1983;117:223-9.
4. Rizzetto M, Canese MG, Arico S, Crivelli O, Trepo C, Bonino F, Verme G. Immunofluorescence detection of new antigen-antibody system (/anti-) associated to hepatitis B virus in liver and in serum of HBsAg carriers. Gut 1977;18:977-1003.
5. Hadler SC, de Monzon M, Ponzetto A, et al. An epidemic of severe hepatitis due to delta virus infection in Yupca Indians of Venezuela. Ann Intern Med 1984;100:339-44.

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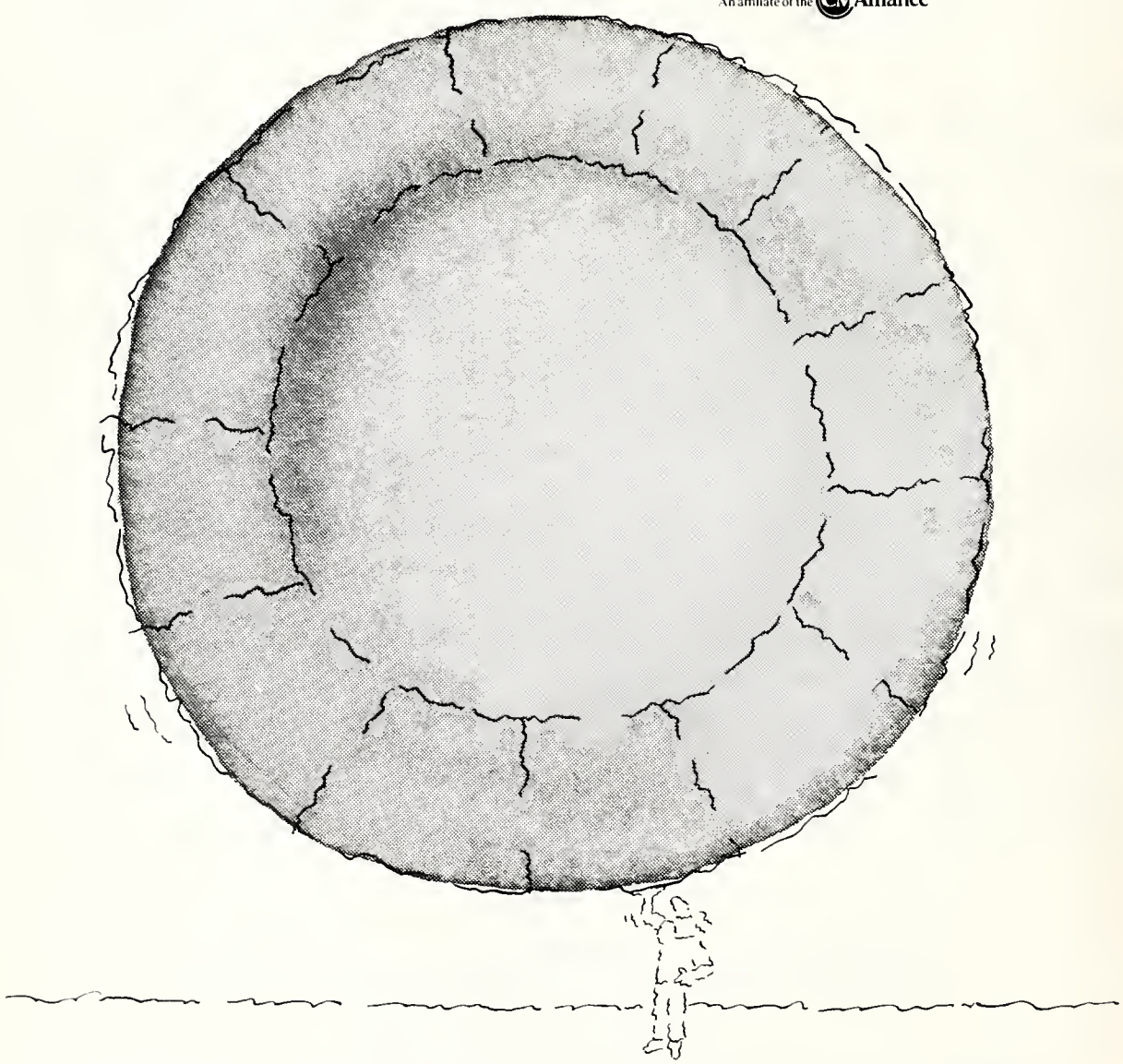
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EDITORIAL

Hepatitis B Vaccine: A Safe and Effective Method for Preventing Infection with Hepatitis B and Delta Agent

Terence Chorba, M.D.

IN this issue of the *Journal,* Drucker et al present an interesting case of fulminant hepatitis in association with acute hepatitis B virus and delta agent coinfection in a parenteral drug abuser. The delta agent, discovered in 1977 by Rizzetto,[1] is a defective virus that requires coinfection with hepatitis B virus as a helper for replication, [1,2] either in conjunction with acute hepatitis B virus infection or as superinfection in a hepatitis B carrier. [3,4] Both of these settings have been associated with fulminant hepatitis. In the United States, infection with delta agent occurs most commonly in persons at high risk of acquiring hepatitis B virus infection. Since the delta agent is dependent on hepatitis B virus for replication, prevention of hepatitis B virus infection will prevent infection with delta agent in persons susceptible to hepatitis B.

During the past two years, an increasing incidence of acute hepatitis B has been observed in Durham County, North Carolina, primarily involving parenteral drug abusers and their sexual contacts. Eighty-six cases were identified in 1985, compared with 24 cases in 1984 and eight in 1983. The number thus far for 1986 exceeds that for 1985. Of the 1985 case patients, at least nine were hospitalized and two died. Of serum samples from 35 parenteral drug abusers with acute hepatitis B virus infection in Durham County in 1985, seven (20%) had markers for delta agent infection. Educational efforts directed at behavior modification including avoidance of parenteral drug usage, or at least avoidance of sharing intravenous needles, are presently being mounted in Durham County. Because hepatitis B virus infection is also a sexually transmitted disease, sexual behavior modification also needs to be emphasized in hopes of helping parenteral drug abusers to minimize their number of sexual partners, to use appropriate barrier methods, and to encourage their partners to seek vaccination against hepatitis B. A program to vaccinate susceptible parenteral drug abusers in Durham County is also being considered.

Hepatitis B virus is a major cause of acute and chronic hepatitis, cirrhosis and primary hepatocellular carcinoma. In the United States and western Europe, 0.1%-0.5% of the population are virus carriers with infection occurring primarily during early adulthood. The Centers for Disease Control estimates that 250,000 persons are infected each year in this country. Of these, 25% become ill with jaundice, more than 5% require hospitalization, and an average of 250 die of fulminant disease. Between 6% and 10% of young adults with hepatitis B virus infection become carriers; the United States has about 500,000-1,000,000 infectious carriers. Chronic active hepatitis develops in more than 25% of carriers, an estimated 4,000 persons die from hepatitis B-related cirrhosis each year in this country, and more than 800 die from hepatitis B-related liver cancer.

The highest concentrations of hepatitis B virus are in blood and serous fluids; less is present in other body fluids, such as saliva and semen. Hepatitis B virus transmission occurs via percutaneous or permucosal routes, primarily by contaminated needles or through sexual contact. High-risk groups for hepatitis B virus infection include homosexually active men, parenteral drug abusers, hemodialysis patients, recipients of plasma factor concentrates, patients and staff in custodial institutions for the mentally retarded, prison inmates, immigrants and their descendants from areas of high hepatitis B virus endemicity, and household contacts and sexual partners of hepatitis B virus carriers. There is also considerable risk due to occupational exposures for medical and dental workers and support personnel who have contact with blood and blood products.

Whereas immunoglobulin (IG) and hepatitis B immune globulin (HBIG) provide temporary, passive protection, these are indicated only in certain post-exposure settings. An extensive review of guidelines that include such prophylaxis has recently been published by the Advisory Committee on Immunization Practices (ACIP) of the Public Health Service.[5] Hepatitis B vaccine licensed in the United States provides active immunization against hepatitis B virus infection, and its use is recommended for both pre- and post-exposure prophylaxis. For persons susceptible to hepatitis B infection, it is safe, immunogenic, and effective in preventing hepatitis B virus and delta agent infection.[6-8]

From Centers for Disease Control, Atlanta, GA and Department of Human Resources, Raleigh.

Hepatitis B vaccine is a suspension of inactivated surface antigen particles purified from human plasma. Inactivation is a threefold process using 8M urea, pepsin at pH 2, and 1:4000 formalin. Primary vaccination consists of three intramuscular doses of vaccine, after which over 90% of healthy adults and virtually all infants and children develop protective antibody.[6,9] Immunogenicity of the vaccine is significantly lower when given in the buttock; the deltoid is the recommended site for hepatitis B vaccination in adults.[7] Recommendations for proper vaccine usage have been made by the ACIP.[5] Because the vaccine contains only noninfectious particles, there should be no risk to the developing fetus. In contrast, hepatitis B virus infection in a pregnant woman may result in severe disease for the mother and chronic infection for the newborn. Hence, pregnancy is not a contraindication to vaccination of persons who are otherwise eligible.

The ACIP has recommended that persons in groups at substantial risk be vaccinated. These include:

—Health-care workers, especially those frequently exposed to blood, blood products, and frequent needlesticks, including: medical technologists, operating-room staff, phlebotomists, intravenous-therapy nurses, surgeons, pathologists, oncology and dialysis-unit staff, emergency-room staff, nurses, and staff physicians. Vaccination should be completed during training in schools of medicine, dentistry, nursing, laboratory technology, and other allied health professions.

—Health-care workers based outside hospitals who have frequent contact with blood or blood products, including dentists, oral surgeons, dental hygienists, laboratory and blood-bank technicians, dialysis-center staff, emergency medical technicians and morticians.

—Clients and staff of institutions for the mentally retarded.

—Hemodialysis patients.

—Homosexually active men.

—Users of illicit injectable drugs.

—Recipients of clotting factor concentrates.

—Household and sexual contacts of hepatitis B virus carriers.

—Classroom contacts of mentally retarded hepatitis B virus carriers who behave aggressively or have medical problems that increase the risk of exposure to their blood or serous secretions.

—Special high-risk populations, including Alaskan Eskimos, native Pacific islanders, and immigrants and refugees from areas with highly endemic disease.

—Inmates of long-term correctional facilities.

—Heterosexually active persons with multiple sexual partners.

—International travelers who plan to reside more than six months in areas with high levels of endemic hepatitis B virus and who will have close contact with the local population, and short-term travelers who are likely to have contact with residents of areas with high levels of endemic disease.

The ACIP has also made detailed recommendations for postexposure prophylaxis.[5] Populations meriting special consideration include:

—Infants born to hepatitis B virus-infected mothers. In addition to the vaccine, babies born to hepatitis B virus-infected mothers should receive 0.5 ml of HBIG within 12 hours of birth. The combination of vaccine and HBIG has an effectiveness rate of 85%-90% for protecting these high-risk babies from chronic hepatitis B virus infections.

—Persons having percutaneous (needlestick or bite), ocular, or mucous-membrane exposure. Because vaccine plus HBIG is more effective than HBIG alone in such exposures, it is recommended when such exposures occur.

—Sexual contacts of persons with acute hepatitis B virus infection. The period after sexual exposure during which HBIG is effective is probably less than two weeks. The vaccine is optional in initial treatment for such exposures. If vaccine is not given, a second dose of HBIG should be given if the index patient is an ongoing sexual contact and remains hepatitis B surface antigen (HBsAg)-positive for three months after detection. If the index patient is a carrier or remains positive for six months, the vaccine should be offered to regular sexual contacts.

—Household contacts of persons with acute hepatitis B virus infection. Prophylaxis for other household contacts of persons with acute hepatitis B virus infection is not indicated unless there is identifiable blood exposure to the index case, e.g., sharing toothbrushes or razors. Such exposures should be treated similarly to sexual exposures. If the index patient becomes a hepatitis B carrier, all household contacts should be given hepatitis B vaccine.

There has been concern that the vaccine might transmit human T-lymphotropic virus type III/lymphadenopathy virus (HTLV-III/LAV), the retrovirus that causes acquired immunodeficiency syndrome (AIDS). Hepatitis B vaccine is manufactured from pooled plasma of persons who are chronic carriers of hepatitis B and may be in high-risk groups for AIDS. Recent studies have demonstrated inactivation of the human retroviruses and representatives of all other known virus classes by the inactivation steps (treatment with formalin, urea, and pepsin) routinely used in the vaccine manufacturing process.[10,11] Physicians and other members of the medical community who are considering inoculation with hepatitis B vaccine for their colleagues, patients, or themselves, can be assured that the vaccine does not transmit HTLV-III/LAV or any other known human pathogen.

If the scientific wisdom of providing hepatitis B vaccine to at-risk employees is lost on an employer, the economic wisdom might not be. Section 95-129(1) of the N.C. General Statutes provides that "each employer shall furnish to each of his employees conditions of employment . . . free from recognized hazards that are . . . likely to cause death . . . or serious physical harm to his employees." The N.C. Commissioner of Labor has interpreted this law as follows:[12] "Whenever an employee is exposed to a recognized hazard that is likely to cause death, serious injury or serious physical harm, the employer has the responsibility to abate the hazard, particularly when there is a known and feasible solution. The employer is also ob-

ligated to incur necessary expenses associated with this abatement.'' The N.C. Attorney General has interpreted Section 95-129(1) to apply to hepatitis B as an occupational hazard for at-risk health-care personnel. [13] In brief, failure to offer hepatitis B vaccine to at-risk employees — including health-care workers frequently exposed to blood, blood products, and needlesticks — might subject employers to sanctions under the Occupational Safety and Health Act of North Carolina. Because patient contacts of HBsAg-positive employees are generally not at risk of contracting hepatitis B, restriction of such employees from patient or laboratory contact, or surgical activity, is not recommended, unless such employees have clearly been associated epidemiologically with hepatitis B virus transmission; additional guidelines for HBsAg-positive health-care personnel have been promulgated.[14] However, if a health-care worker transmits hepatitis B virus and/or delta agent to patients, either as a carrier or due to acute infection, his/her employers may subsequently find themselves named in negligence suits for failing to offer hepatitis B vaccine to their employees.

References

1. Rizzeto M, Canese MG, Arico S, et al. Immunofluorescence detection of new antigen-antibody system (delta/anti-delta) associated to hepatitis B virus in liver and in serum of HBsAg carriers. Gut 1977;18:997-1003.
2. Rizzeto M, Shih JW, Gerin JL. The hepatitis B virus-associated delta antigen: isolation from liver, development of solid-phase radioimmunoassays for delta antigen and anti-delta and partial characterization of delta antigen. J Immunol 1980;125:318-25.
3. Rizzeto M, Canese MG, Gerin JL, et al. Transmission of hepatitis B virus-associated delta antigen to chimpanzees. J Infect Dis 1980;141: 590-602.
4. Smedile A, Dentico P, Zanetti A, et al. Infection with the delta agent in chronic HBsAg carriers. Gastroenterology 1981;81:992-7.
5. CDC. Recommendation of the Immunization Practices Advisory Committee (IPAC): Recommendations for protection against viral hepatitis. MMWR 1985;34:315-35.
6. Szmuness W., Stevens CE, Harley EJ, et al. Hepatitis B vaccine: demonstration of efficacy in a controlled clinical trial in a high-risk population in the United States. N Engl J Med 1980;303:833-41.
7. CDC. Suboptimal response to hepatitis B vaccine given by injection into the buttock. MMWR 1985;34:105-13.
8. Dienstag J, Werner BG, Polk BF, et al. Hepatitis B vaccine in health care personnel: safety, immunogenicity, and indicators of efficacy. Ann Intern Med 1984;101:34-40.
9. Krugman S, Holley HP Jr, Davidson M, et al. Immunogenic effect of inactivated hepatitis B vaccine: comparison of 20 microgram and 40 microgram doses. J Med Virol 1981;8:119-21.
10. CDC. Hepatitis B vaccine; evidence confirming lack of AIDS transmission. MMWR 1984;33:685-7.
11. Gerety RJ. U.S. licensed hepatitis B vaccine; regulatory perspective. In Overby LR, et al (eds). Viral hepatitis: Second International Max von Pettenkofer Symposium. New York: Marcel Dekker, Inc., 1983.
12. Letter from Mr. J.C. Brooks, Commissioner, Department of Labor, State of North Carolina to Dr. R.H. Levine, Director, Division of Health Services, Department of Human Resources, State of North Carolina, January 28, 1983.
13. Letter from Messrs. R.L. Edmisten, Attorney General, and R.R. Reilly, Assistant Attorney General, Department of Justice, State of North Carolina to Dr. S.T. Morrow, Secretary, Department of Human Resources, State of North Carolina, May 16, 1983.
14. Lettau LA, Smith JD, Lundquist WD, et al. Transmission of hepatitis B with resultant restriction of surgical practice. JAMA 1986;255:934-7.

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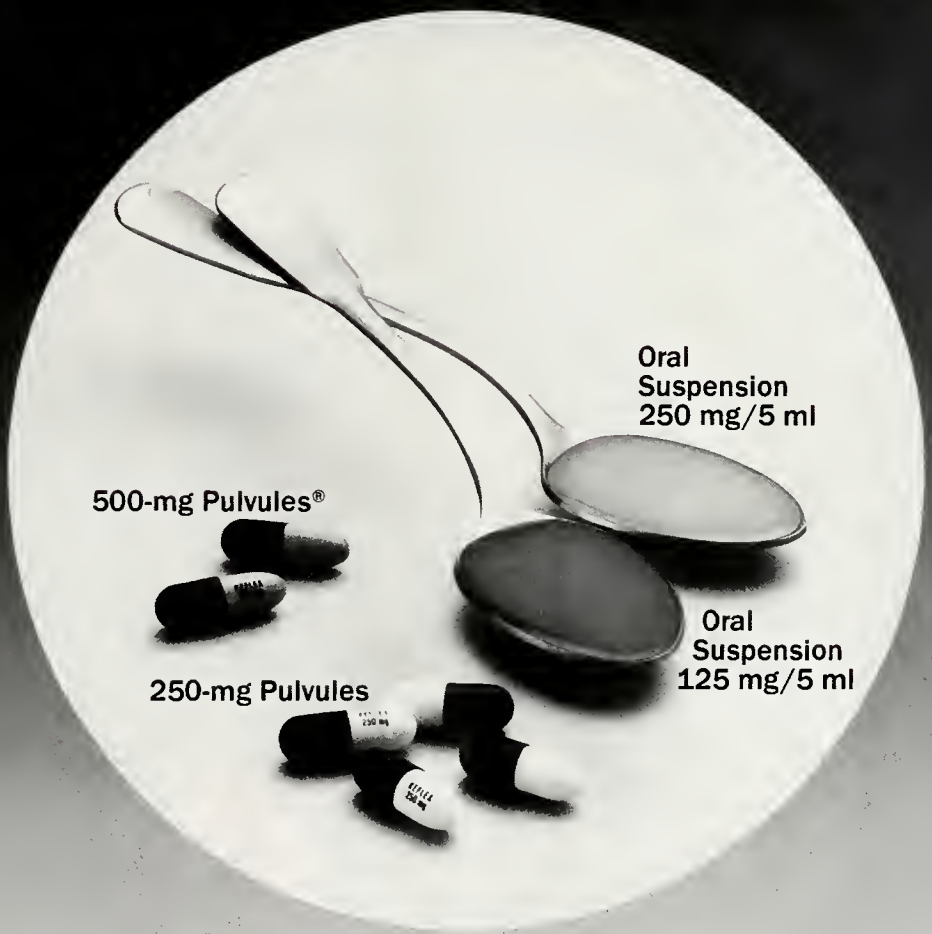
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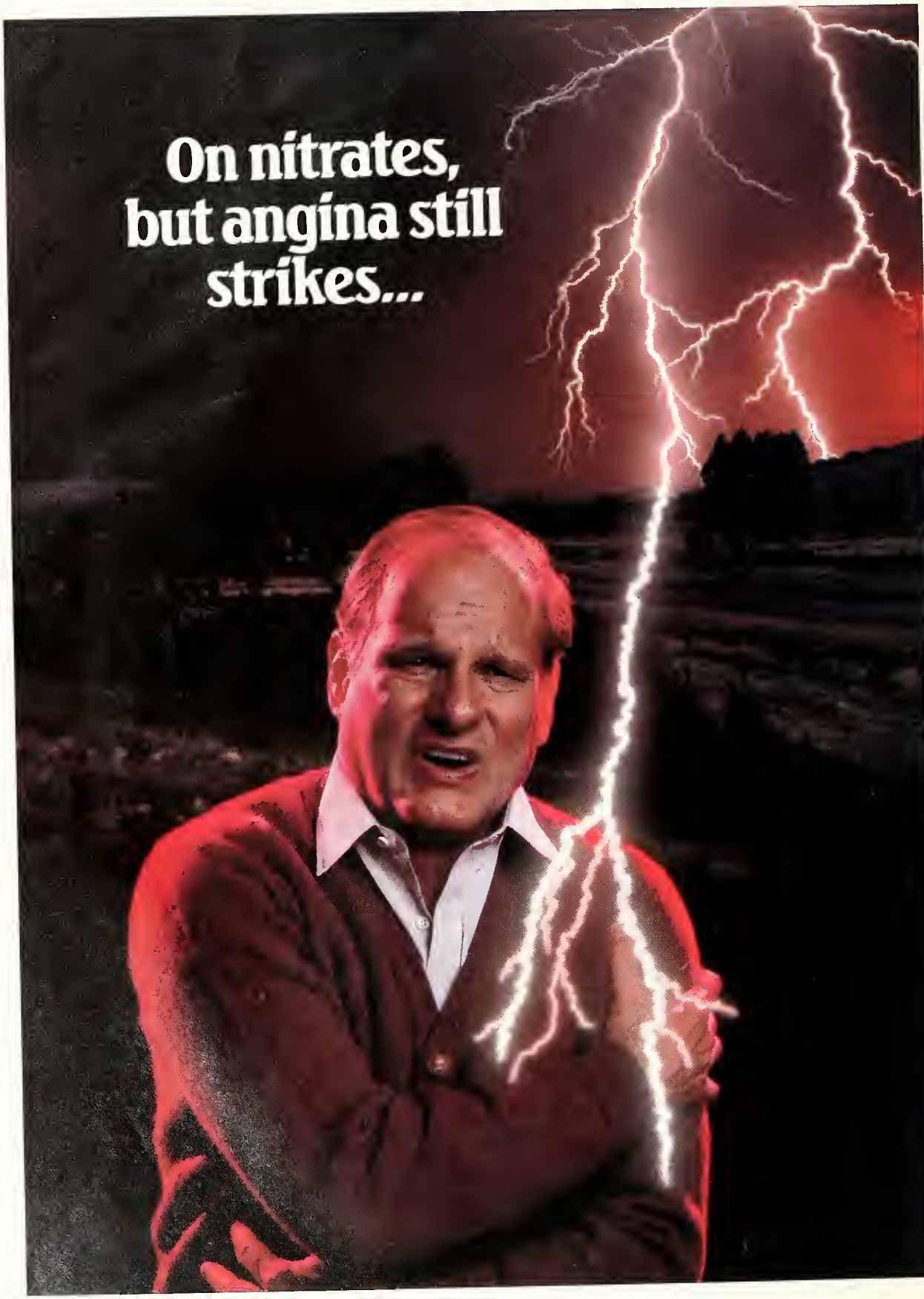
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Elevations of transaminases with and without concomitant elevations in alkaline phosphatase and bilirubin have been reported. Such elevations may disappear even with continued treatment; however, four cases of hepatocellular injury by verapamil have been proven by rechallenge. Periodic monitoring of liver function is prudent during verapamil therapy. Patients with atrial flutter or fibrillation and an accessory AV pathway (e.g. W-P-W or L-G-L syndromes) may develop increased antegrade conduction across the aberrant pathway bypassing the AV node, producing a very rapid ventricular response after receiving ISOPTIN (or digitalis). Treatment is usually D.C.-cardioversion, which has been used safely and effectively after ISOPTIN. Because of verapamil's effect on AV conduction and the SA node, 1° AV block and transient bradycardia may occur. High grade block, however, has been infrequently observed. Marked 1° or progressive 2° or 3° AV block requires a dosage reduction or, rarely, discontinuation and institution of appropriate therapy depending upon the clinical situation. Patients with hypertrophic cardiomyopathy (IHSS) received verapamil in doses up to 720 mg/day. It must be appreciated that this group of patients had a serious disease with a high mortality rate and that most were refractory or intolerant to propranolol. A variety of serious adverse effects were seen in this group of patients including sinus bradycardia, 2° AV block, sinus arrest, pulmonary edema and/or severe hypotension. Most adverse effects responded well to dose reduction and only rarely was verapamil discontinued. **Precautions:** ISOPTIN should be given cautiously to patients with impaired hepatic function (in severe dysfunction use about 30% of the normal dose) or impaired renal function, and patients should be monitored for abnormal prolongation of the PR interval or other signs of excessive pharmacologic effects. Studies in a small number of patients suggest that concomitant use of ISOPTIN and beta blockers may be beneficial in patients with chronic stable angina. Combined therapy can also have adverse effects on cardiac function. Therefore, until further studies are completed, ISOPTIN should be used alone, if possible. If combined therapy is used, close surveillance of vital signs and clinical status should be carried out. Combined therapy with ISOPTIN and propranolol should usually be avoided in patients with AV conduction abnormalities and/or depressed left ventricular function. Chronic ISOPTIN treatment increases serum digoxin levels by 50% to 70% during the first week of therapy, which can result in digitalis toxicity. The digoxin dose should be reduced when ISOPTIN is given, and the patients should be carefully monitored to avoid over- or under-digitalization. ISOPTIN may have an additive effect on lowering blood pressure in patients receiving oral antihypertensive agents. Disopyramide should not be given within 48 hours before or 24 hours after ISOPTIN administration. Until further data are obtained, combined ISOPTIN and quinidine therapy in patients with hypertrophic cardiomyopathy should probably be avoided, since significant hypotension may result. Clinical experience with the concomitant use of ISOPTIN and short- and long-acting nitrates suggest beneficial interaction without undesirable drug interactions. Adequate animal carcinogenicity studies have not been performed. One study in rats did not suggest a tumorigenic potential, and verapamil was not mutagenic in the Ames test. *Pregnancy Category C*: There are no adequate and well-controlled studies in pregnant women. This drug should be used during pregnancy, labor and delivery only if clearly needed. It is not known whether verapamil is excreted in breast milk; therefore, nursing should be discontinued during ISOPTIN use. **Adverse Reactions:** Hypotension (2.9%), peripheral edema (1.7%), AV block: 3rd degree (0.8%), bradycardia: HR < 50/min (1.1%), CHF or pulmonary edema (0.9%), dizziness (3.6%), headache (1.8%), fatigue (1.1%), constipation (6.3%), nausea (1.6%), elevations of liver enzymes have been reported. (See *Warnings.*) The following reactions, reported in less than 0.5%, occurred under circumstances where a causal relationship is not certain: ecchymosis, bruising, gynecomastia, psychotic symptoms, confusion, paresthesia, insomnia, somnolence, equilibrium disorder, blurred vision, syncope, muscle cramp, shakiness, claudication, hair loss, macules, spotty menstruation. **How Supplied:** ISOPTIN (verapamil HCl) is supplied in round, scored, film-coated tablets containing either 80 mg or 120 mg of verapamil hydrochloride and embossed with "ISOPTIN 80" or "ISOPTIN 120" on one side and with "KNOLL" on the reverse side. Revised August, 1984. 2385

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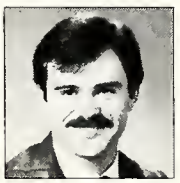
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EDITORIAL

Uses and Limitations of Computerized Clinical Databases for Decision Making

Robert A. Rosati, M.D.

• *EDITOR'S NOTE: One has to read this paper carefully to appreciate the importance of these concepts. Few of us know the results of our treatments in patients with chronic diseases. It is useful to know outcomes with your particular management. This is an attainable goal. The question of whether your management is better than mine is a much more complex question. Careful reading of this paper will make it clear that the knowledge of outcomes with different treatment may not solve the problem of which method is best for an individual patient.*

CLINICAL judgment involves applying clinical experience to making decisions that optimize the outcome for individual patients. The use of computerized databases to capture clinical experience in the area of coronary artery disease is now fairly widespread. These databases help in clinical decision making because they allow us to tell the individual patient what has happened to similar patients in the past. That is, they allow us to make prognostic estimates applicable to the individual patient.

In a complex chronic disease such as coronary artery disease, the advantages of computerization of the database or clinical experience are obvious. Factors affecting the outcome for individual patients are many and the time between intervention and outcome may be long. The computer can store, manipulate and recall these many factors much more accurately, reliably and readily than can the human brain. With a computerized database, different methods of characterizing the patients may be compared to determine which produce the most accurate estimates of prognosis. For example, one method of characterizing the coronary anatomy may be compared with another or the value of adding exercise test data to clinical and catheterization data may be assessed. Similarly, with a computerized database, different methods of predicting outcome for individual patients may be compared to determine which predictive method produces the most accurate estimates of prognosis. Subgrouping, recursive partitioning and regression techniques are the procedures usually employed. And, finally, with a computerized database, the reproducibility of outcomes for individual patients, over time, may be assessed. Thus, the computerized database allows us to investigate the three factors that limit the accuracy of prognostic estimates for individual patients: 1) the completeness, accuracy and reproducibility of the description of the patients; 2) the method of making predictions; and 3) the stability of individual predictions over time. The examination of these factors depends heavily on a methodology for assessing the accuracy of predictions. This methodology is still evolving and improvements will certainly be needed if we are to maximize the usefulness of the computerized database in making prognostic estimates and improving clinical decisions.

At the present time, we can safely say that the prognostic estimates derived from the computerized database can be superior to those made by the experienced clinician because they can be based on total, unbiased recall of experience with well defined subgroups of patients. But, it is important to distinguish between estimating prognosis and estimating therapeutic effectiveness. We can utilize the computerized database to give an individual patient the most accurate prediction of outcome with medical therapy or to give that same patient the most accurate prediction of outcome with surgical therapy and yet have difficulty in drawing conclusions about the effectiveness of medical or surgical treatment. When we make prognostic estimates involving therapy, we are in effect saying to the individual patient, this is what has happened to patients like you who have been treated surgically. We are not saying that patients like you fare the same, better or worse with medical versus surgical therapy. In practice, this distinction is rather difficult to maintain when, for example, our experience tells us that patients like our new patient have a 90% five-year survival treated surgically and a 75% five-year survival treated medically. In such circumstances, we and the patient have a hard time not concluding that the patient will live longer if treated surgically, but we must remember that the apparent difference may be due to inaccuracies in the predictions. Such inaccuracies are most likely caused by selection bias not adequately described in characterizing the patients or not properly weighted in making the prognostic estimates.

To continue with our example of patients who have a 90% five-year survival treated surgically and a 75% five-year survival treated medically, suppose that distal disease in the coronary artery is a prognostic factor that has not

From the Department of Medicine, Duke University Medical Center, Durham 27710.

been included in the database. Since distal disease may favor a decision for medical therapy, the apparent treatment difference may be due to the inclusion of more patients with distal disease in the medical treatment group rather than the effectiveness of surgical treatment. Yet, the estimate of what is likely to happen to the patient if treated surgically may be appropriate because the patient is unlikely to have much distal disease if treated surgically; the estimate of what is likely to happen to the patient if treated medically may also be appropriate because the patient is more likely to have distal disease if treated medically.

Because even our best prognostic estimates are not perfect and because bias tends to make therapies look different rather than the same, we should be leery of making claims of therapeutic effectiveness based solely on the computerized database. We should regard apparent differences in therapeutic effectiveness derived from comparing prognostic estimates from a computerized database as hypotheses. In fact, it is essential to approach these apparent differences with a mind to explaining them by baseline inequalities rather than by treatment effect if the clinical database is to improve clinical decision making.

When prognostic estimates show no differences in outcome with different therapies, we are on safer ground. Though it is possible that a therapeutic effect may be missed, the chances of missing a therapeutic effect are much less since most selection biases tend to create differences in outcome. The computerized database therefore can be particularly useful in fostering a conservative approach to unproven therapies.

It is important to recognize that a computerized clinical database can only be important in decision-making if it is a continuous prospective integral part of clinical practice. It must be continuous in order to complete the feedback loop which allows for improvement of prognostic estimates. When it becomes apparent that distal disease of the coronary arteries may be a confounding variable, descriptors of distal disease may be added to the computerized database patient by patient by rereading cineangiograms of patients already in the database. Such refinements of clinical experience are impossible with the database contained in the human brain. Of course, information about distal disease would be added to the database prospectively for new patients. The computerized database must also be continuous in order to incorporate new methods of characterizing the patient and new therapies. New methods and therapies do not invalidate the approach because the database always provides an experience against which to make an initial assessment of the value of new technologies. If the database is continuous, it will be prospective and so avoid the many problems inherent in retrospective searches for data. The data base must be an integral part of clinical practice, not only because it provides the best estimates of prognosis for individual patients but because it relies on the experienced clinician to provide feedback as to its usefulness in the actual care of patients. It is the clinician who will appreciate and demand the inclusion of distal disease of the vessels in the description of the patient.

Finally, the usefulness of clinical databases in optimizing the outcome for individual patients depends on the involvement of a clinical epidemiologist. He or she will be somewhat detached from the clinical care of the majority of patients in the data bank, will have less at stake in whether therapy works and will behave as the scientist rather than as the doctor. The clinical epidemiologist is primarily interested in capturing an accurate description of each patient, characterizing and documenting the treatment and course and using clinical experience to help the decision-maker optimize the outcome for individual patients. Again, the clinical epidemiologist must remain skeptical and it is particularly important that he or she approach apparent treatment differences with a view to insuring that they are not caused by prognostically important baseline differences.



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A Perspective: Health Care in a Politically Oppressive Environment

Molly Burgoyne, M.D.

IN light of recent political events in both Haiti and the Philippines, it is interesting, but disheartening, to speculate how extensively the quality of government leadership affects the health programs of developing nations. My husband Richard and I asked ourselves this question after returning from a trip to Sierra Leone, West Africa, where we did a fourth year medical school elective in a government hospital.

Sierra Leone is a small, often overlooked country that has escaped recent international publicity. Much like Haiti and the Philippines, however, this country is currently undergoing dramatic governmental changes. Not too many years after the British left Sierra Leone, President Siaka Stevens took control and has been in power for the past 17 years. Like Marcos and Duvalier, Stevens sold off much of the country's wealth, particularly mining resources, and invested heavily in properties overseas, with major purported holdings in Switzerland, England and the Canary Islands. He did an excellent job of suppressing freedom of speech by closing down opposition newspapers and stopping democratic elections, making education accessible to a chosen few with political connections, and successfully quelling rebellious overtones by jailing his adversaries. In short, he did a tremendous job of making a poor and oppressed people even more so.

During Stevens' administration, which ended in January 1986, staple goods became scarce, the Leone decreased markedly in value, and the people became dependent on imported commodities they could hardly afford. In these years, poverty has become the rule rather than the exception, and corruption has filtered down throughout the entire political system and into everyday life. Perhaps more wisely than Marcos or Duvalier, Stevens chose his own successor, Gen. T. S. Momoh, who was inaugurated in January.

During my stay in Sierra Leone, I worked in a governmental hospital. There I witnessed government inadequacies first hand and was told of innumerable examples of injustice and fraud. I did, however, get the chance to compare facilities when I went to visit a mission hospital. My purpose here is to contrast some of the differences between the two programs, and then to comment on the effectiveness of each, thereby reflecting on a health care facility enmeshed in a corrupt system vs. an autonomous system funded by outside sources.

From 3209 Morton Lane, Greenville 27834

Background

Sierra Leone, a small country about the size of South Carolina, has a population of just over four million. In 1970-75, the infant mortality was reported as 226 deaths per 1,000. This decreased in 1980-85 to 200 deaths per 1,000. This figure remains the largest of any West African nation and possibly the world.[1] In 1980, life expectancy was 46 years with the single most common cause of death being various parasitic diseases.[2] The population growth rate remains quite high at 17.7%. Seventy-one percent of the population is living in rural areas. Only 6% of the population has access to clean water.[3] There are approximately .2 physicians per 1,000 people and only one hospital bed per 872 people. In every category, Sierra Leone ranks as one of the world's poorest countries with regard to health care.

The country's government is organized into four provinces, 12 districts, and 146 chiefdoms. Each chiefdom has approximately 20,000 people.[4] Although Freetown, the capital city, contains only 7% of the population, in 1974 70% of all physicians and 40% of the country's hospital beds were located there. In 1980, 21% of the chiefdoms were without any government medical facilities. During 1973, per capita income was $155 a year with a per capita government health expenditure of only $2. Forty percent of the health care expenses of the country are borne by the private sector.[5] The Leone, which was worth $.80 per U.S. $1 in 1973, has now drastically declined in value. Although the government attempts to enforce the exchange rate of 5 Leones to every U.S. $1, blackmarket traders are abundant and very willing to exchange for the rate of 10 Leones per U.S. $1. The monthly salary of a secondary school teacher is 220 Leones while a family of four requires about 350 Leones to feed itself. Government health outlay declines yearly and in 1980-81 was only 23 million Leones in a total budget of 280 million Leones.

Government Hospital Vs. Mission Hospital

Both Richard and I worked in the government hospital at Bo, a city of about 50,000 lying approximately 150 miles SE of the capital in the Southern Province. There we witnessed appalling mismanagement on every level. The facility had no running water or electricity and a less than dependable generator. Water of unknown quality was carried daily from a well and was often mosquito infested.

The patients were given no bed linens or mosquito nets because these had all been stolen. All drugs, IV fluids, catheter bags, needles and syringes had to be bought at private pharmacies in town (during the business hours) because the hospital's pharmacy stood empty. It was rumored that although the drugs and supplies come into the country at Freetown, they are often confiscated and sold on the black market to the commercial pharmacies and never arrive at the hospital. During our time there, no x-rays were taken because there was no film. Laboratory studies were minimal and often unreliable. Patients had access to outdoor latrines which were very poorly kept.

The medical director of the hospital was rarely seen during our time there. Although there were seven full or part-time physicians, there was no unified record-keeping system (in fact, paper was a scarce commodity) or review of management of medical problems. Physicians were allowed to set their own fees although the hospital was supposedly a "free" one. The fees were often inexpensive by our standards but could be prohibitive to the native population. An uncomplicated clinic visit could cost 5-15 Leones (as much as six meals in a native restaurant). Only the one missionary physician and the two paid in part by relief services did not charge.

Although many of the nurses were trained outside of Sierra Leone in excellent schools, they proved to be extremely inefficient. Not only did they not care for the patients' basic hygiene needs, they often did not give medication, take vital signs, or make sure the patients were fed! There was no apparent system for reporting an indiscretion or a negligent act. The head nurse was also the medical director's wife and did not appear to spend much time with her charges.

The overall impression given by the government hospital was one of confusion, corruption, and mismanagement. When one couples this with the inability to meet basic sanitation needs, the capacity to deliver quality health care is undeniably diminished. Richard and I began to fear that these circumstances were the same throughout the country, due mainly to the dire poverty of the nation as a whole. Our visit to the Serabu Mission Hospital, operated by a non-African administration with outside funding, changed our minds.

The village of Serabu lies about 30 miles south of Bo. It is the home of Serabu Mission Hospital which is run by a small group of Irish Catholic nuns and considered by many to be the best hospital in the country. Like the Bo Government Hospital, it has about 150 beds which include matemity, pediatric, internal medicine, and surgical wards. Unlike the government facilities, it has running water and a functioning generator. The nuns have hired a full-time tailor who makes bed linens, scrub-suits, and other items for hospital use. Although the grounds are not entirely free of roaming animals (in spite of the nuns many clever solutions to this problem), they are kept free of waste and debris. Latrines are kept in proper condition and provisions are made for bed-ridden patients. A nursing school is operated by the nuns on the hospital grounds. They train and hire their nursing staff from this school. The nuns have strict supervision of the hospital staff with ability to hire and fire as warranted. The hospital dispensary, although meager by U.S. standards, is well-stocked. A variety of laboratory work and x-ray films are available. The services of the hospital are based according to ability to pay and at no time cost more than those at the government hospital.

The differences between these two places seem to have several reasons. First, the administration was not only better trained in administrative tasks, but had built-in mechanisms for grievances, training, hiring, and firing that were not evident in the government facilities. Second, their mail including drugs and supplies, was somehow kept out of corrupt hands and made it to the hospital for appropriate use. Third, adherence to basic public health measures made the Serabu Mission Hospital a safe and indeed healthy place for its patients.

Conclusions

It would be unfair to point an accusing finger at the government of Siaka Stevens and say that the poor health care in Sierra Leone is "all the government's fault." Undoubtedly, the problems of third world health are multifaceted. With events in the Philippines and in Haiti, the American people have begun to understand how easy it might be for unfair dictators to rule a country for long periods of time with the welfare of the people suffering. This is particularly true of post-colonial Africa which in many instances is still struggling in the infancy of independence. It does not take long in these circumstances for a selfish and abusive ruler to take control of the important government offices by luring those seeking wealth and power to head them. After a number of years, the government is infiltrated with corruption and the general populace suffers. It is painfully clear that a government based on personal aggrandizement generally has health care as a low priority. It is all too easy to alter the facade without improving the substance of health delivery, such as renaming rural dispensaries as health centers without upgrading the services.[4] There is very little glamour in public health care for these officials. The combination of corruption, poor organizing skills and greed has allowed government sponsored health care to deteriorate in this country. Indeed the best health care in the country is sponsored by agencies outside the government, such as relief projects, mission hospitals, etc. Since there is no way to insure long-term commitment from these projects, it is not the best way to deliver care. Ideally, the government should make a strong commitment to health care and implement long-range, carefully planned programs. Realistically, however, a government plagued with mismanagement, corruption, instability and absolute poverty must depend on outside help.

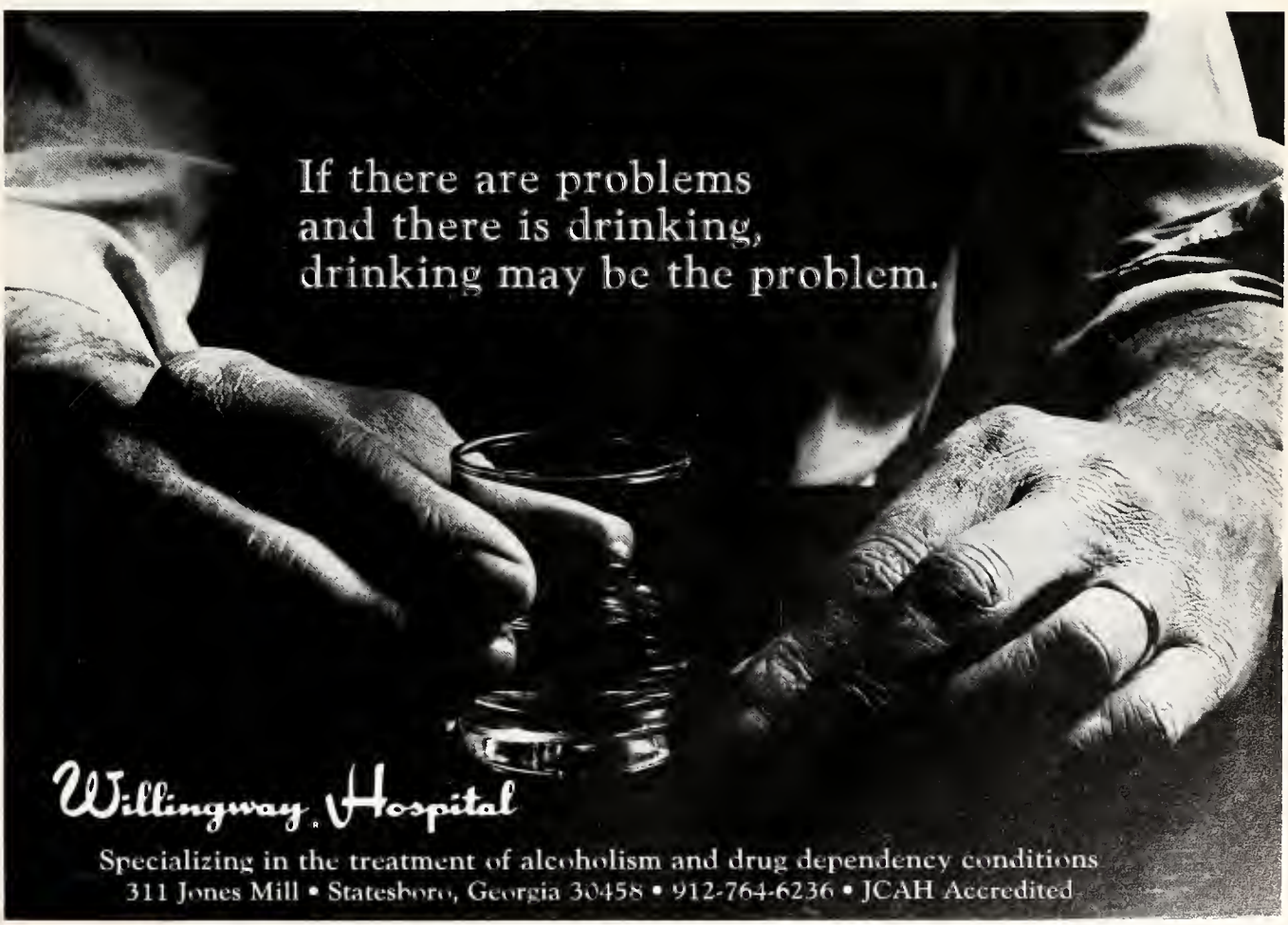
WHO has made many careful studies in the effort to achieve the goal of "health for all by the year 2000." The organization has done a tremendous job of collecting vital statistics, targeting problems and developing possible strategies for overcoming these obstacles. All of the long-range plans may be in vain if stable, more egalitarian governments are not behind the plans.

As members of the medical profession, if we take any interest in third world health care, we must also be mindful of the political environment within each nation. As a sub-

stantial benefactor to many of these countries. Americans are in the unique position to lobby politicians, demand information, and refuse to support governments that are less than satisfactory in their promotion of health care. Recent world events should be potent reminders to all of us that health care reflects a political climate which must be judged critically in order for substantial programs to work.

References

1. Summary of the ad hoc survey on infant and early childhood mortality in Sierra Leone. World Health Stat Q 1981;34:220-38.
2. Summary of the ad hoc survey on infant and early childhood mortality in Sierra Leone. World Health Stat Q 1985;35:220-31.
3. Sivard RL. World military and social expenditures; 1983. Washington, D.C., World Priorities.
4. MacCormack CP. Primary health care in Sierra Leone. Soc Sci Med 1984;19:199-208.
5. Hardiman MG, Midsley JO. Planning and the health of mother and children in rural areas of Sierra Leone. J Trop Pediatr 1981;27:83-7.



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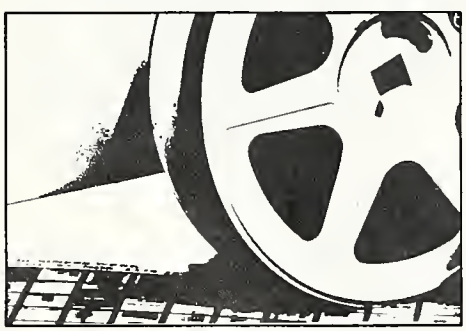
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Lord of The Flies, Fleas and Mosquitos — DEET (Diethyltoluamide Intoxication)

Ronald B. Mack, M.D.

SURELY you remember William Golding's book, *Lord of the Flies*.[1] Following his war-time service in the British Navy in WWII the author sets out to tell a story of the horrors of war and comes up with a disturbing premise: man is innately evil. His novel is an extended metaphor, an allegory, in which he tries to prove that there is a "beast within us." This he does so effectively by a way of setting up a primitive society in a jungle populated by English school boys who have been marooned on this tropical island when the flight evacuating them from war-torn England crashes.

These young boys, ranging in age from five to twelve years, initially attempt to create order from chaos by electing leaders and acting in a democratic fashion. This idyllic parliamentary arrangement ultimately breaks down and reversion to a savage state ensues which should surprise no one who has children or who serves them in some capacity (come on, I don't mean on a plate). One of the outstanding scenes in this evocative piece of fiction involves the sadistic killing of a pig whose severed head is put on a stick and used as a totem; this becomes the Lord of the Flies. You can only imagine the number of insects attacking this horrible spectacle as well as the horrible little boys. I wonder if they had any insect repellent such as N,N-diethyltoluamide — henceforth referred to as *DEET*.

The same year that *Lord of The Flies* was published DEET was synthesized, and three years later it was available commercially as a topical insect repellent. This colorless to amber liquid is almost completely insoluble in water and this makes it especially valuable for people who like to swim but who dislike becoming haute cuisine to winged biting creatures. DEET is very active against mosquitos but also repels biting flies, chiggers, gnats, ticks and a few other nasties. Apparently there are no topical repellents that are effective against stinging insects such as bees, hornets, wasps, etc. The U.S. Department of Agriculture has named diethyltoluamide the best all purpose insect repellent yet developed.[2] This product is available in several topical forms: liquids, sprays, or stick-form which can not only be applied to the skin but to bedclothes as well (I don't want to go any place where you have to rub insect repellent on your bedclothes — that's not my idea of a fun evening).

As you would imagine, most of the testing of this product has been done on animals (thank Heavens). For example, the acute oral LD_{50} in rats is about 2 ml/kg of body weight and the acute dermal LD_{50} in rabbits is 10 ml/kg.[2] If you inject 75 mg/kg of DEET into a rat intravenously the rat will quickly find rat Valhalla. Studies in animals reveal that this substance can produce dermatologic effects as well as respiratory depression, ataxia, convulsions and coma. Generally this chemical is safe for use in humans, and there appears to be no cumulative effect in people given relatively small doses. However, there can be problems with ingestion of DEET as well as with topical application of these repellent compounds. The classic human toxicity from involvement with DEET has been: 1) *dermatologic*, 2) *gastrointestinal* and 3) to a lesser extent *encephalopathic*.

It is imperative that physicians and laymen alike be cognizant of the fact that DEET repellents are sold OTC under many different trade names and in a wide range of concentrations (e.g., some repellents contain only 5% DEET [e.g., 612 plus] while others are 100% DEET — Jungle Plus liquid and Muskol liquid). Aerosols, stick, liquid, lotion and spray forms made by the same company can have different concentrations of the chemical. For most of us humans, especially children, the use of higher concentrations must be viewed with great suspicion. These higher concentrations are relatively new and people who have used DEET successfully in the past may not be aware of these more recent potentially dangerous products.

The *dermatologic* difficulties pursuant to DEET application are typically *urticarial* in presentation. This can be a problem to the practitioner in terms of diagnosis because many insect bites appear in an urticarial form. Also, a rather characteristic dermatologic disorder in children, *papular urticaria*, can be confusing in terms of diagnosis and is thought to be due to a hypersensitivity to the antigenic material present in the biting arthropod. These skin lesions are not the bites themselves, i.e., when you get bitten by an insect you usually get some sort of skin lesion at the bite site; in papular urticaria, allergic causes are responsible for lesions occurring in areas other than the insect's picnic area on the patient's skin. Whereas most insect bites and stings are gone after just a few days, in an unusually reactive patient this papular urticaria response can persist for weeks, especially if the patient persistently scratches the lesions. Another peculiar and troublesome response to topical DEET is the presence of *bullae* in the antecubital and popliteal spaces. This manifestation can be confusing to the practitioner because some insect bites

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can occur in a bullous configuration. A history of DEET usage and the localization of the lesions may provide clues to the etiology.

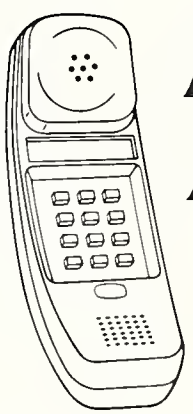
The uncommon but frightening *encephalopathic* difficulties secondary to DEET are probably the most fascinating and the most difficult to diagnose for the unwary or even for the wary. In the past when only lower concentrations of the chemical were commercially available, the most severe toxicity occurred after prolonged or excessive use. With the currently available higher concentrations even a brief exposure to small amounts has the potential to produce serious morbidity in the young and old, and remember, we are talking about topical usage. *DEET is absorbed through the skin and enters the systemic circulation;* about 10-15% can be recovered in the urine. Experimental studies reveal that absorption of this product through the skin is very rapid; 48% of the topical dose is absorbed within six hours and the highest plasma level occurs in about one hour. Urinary excretion is also quite rapid and 70% of this product is excreted in the first 24 hours in the form of metabolites. What is of great interest is the determination that whereas DEET is metabolized by the liver, metabolites can persist in the skin and fatty tissues of the DEET application site for one or two months.[3] This could explain the CNS and dermatologic effects seen after continuous and repetitive use. We know what the LD_{50} is for animals but not for man; however, cutaneous applications of as little as 1 to 2 ml of a 50% concentration for five days caused paresthesias in humans. There have been only a few cases reported in the literature of toxic encephalopathy secondary to diethyltoluamide and these usually occurred after ingestion or excessive use. In a recent report in the Canadian literature,[4] an eight-year-old girl experienced drowsiness, vomiting, remarkable restlessness and recurrent seizures following local application of *Off* (15% DEET), followed by local application of *Muskol* (about 100% DEET). The application probably was liberal and the entire time of topical application was only four days prior to her admission to the hospital for the treatment of her convulsions. Of course there is no specific therapy for any of the complications of DEET use; only symptomatic care is advised. Apparently this substance can be detected by gas chromatography. The features of DEET toxic encephalopathy in humans include anxiety, vomiting, abdominal pain, headache, ataxia, disorientation, athetosis, confusion, lethargy, convulsions, coma and death.

Is there a lesson here? Yup, there sure is, several in fact: Advise your patients to use the lower concentrations of DEET whenever possible, especially in children. Avoid prolonged or excessive topical application and remember that increased transcutaneous absorption of this insect repellent can occur if the skin is damaged as in sunburn or impetigo or any other dermatological condition where the integument is disrupted. Consider the dignosis of toxic encephalopathy caused by N,N-diethyltoluamide (DEET) when in the summer you encounter a patient, especially a child, with unusual body movements or seizures or coma. Learn from the history!!

Speaking of learning from history, let us listen to a bit to what William Golding is trying to tell us in his *Lord of the Flies:* The evil instincts in man are strong and possibly even stronger than the noble ones in leading to the formation of society. The theme in his novel is thought by some critics to be an attempt to trace the defects of society back to the defects in human nature. In other words, we have met the enemy and "they is us."

References

1. Golding, William. *Lord of the Flies*. New York, G.P. Putnam's Sons, 1954.
2. Reuveni H, Yugupsky. Diethyltoluamide-containing insect repellent. Arch Derm 1982;118:582.
3. Garbino JP, Laborde A. Toxicity of an insect repellent. Viet Hum Toxicol 1983;25:422.
4. Roland EH, Jan JE, Rigg JM. Toxic encephalopathy in a child after brief exposure to insect repellents. Can Med Assoc J 1985;122:155.



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Ideas on Wellness

John V. Verner, M.D.

Some soy that wellness is the new religian. But is it new? The medical profession in antiquity was interested in prevention. In fact, the old Chinese physician received compensation only so long os his potient remained well; if illness develaped, payment ceased. Perhaps the trend today toword prepaid medicol core will re-interest dactors in prevention, since the cost of disease will be borne once again by the dactors rather than tatally by the patients ond toxpoyers.

But preventive medicine has most often been the neglected stepchild. In ancient Greece Aesculopius, the god in chorge of health affoirs, tried to strike a balance. He had twa gaddesses to help him . . . Panocea, whose job was cure, and Hygeia, whase task was preventian. Even then prevention failed to catch on, perhaps because Ponacea had a grander ring thon Hygeia, just as, until quite recently, "cure" has been more exciting than "prevent."

Sa, whot has braught about the growing emphasis an wellness and prevention? One chief couse is the staggering cost of illness. By 1981 our nation wos spending 10% of the GNP . . . that's 287 billion dollars a year . . . far treatment of disease. General Mators spends mare today for heolth costs than for steel to make its new cars, and we as a nation spend more for medical care thon for defense, educotion, ar welfare.

Another reason for the shift in emphasis from treatment ta prevention is the harrible outcome of some af the high-powered, sophisticated treotment. Unfartunately, these heroic measures aften prolong not life, but death. Such attenuation of dying is not only terrifically expensive but of dubiaus value to either the patient or society. Maeterlinck put it well: "Death is hard on those wha keep her waiting too lang." And he didn't even take into account the costs in both dollars and human suffering ta thase who must stand helplessly by to watch and grieve.

George Bernard Shaw says that the most difficult task in life is not to outlive aurselves; o visit to any nursing home illustrates the point. I think most of us would agree that ideally we wauld live in such a way that our bodies ore still functionol ond life has real meaning until the end . . . ond then thot the end shauld come quickly, painlessly, and less expensively. It may be our notionol thanatophobia, or fear af death, that makes us handle dying less well than even the most primitive tribes.

When I was a medicol student ot Duke 35 years aga, there was no interest in preventive medicine. We were toa busy rescuing the ill to be bothered by symptomless patients. We would have given short shrift to anyone who hod the audacity ta come in without at least an imagined camplaint. Our exposure to preventive medicine consisted af a few dull lectures about such gripping topics os vaccinations, immunizatians, sewage, and mosquito control. The only time diet was mentianed was as o treotment for o specific disease, such as diabetes or gout.

As interns, we ourselves were hardly role models. We took no time for exercise and over half af us smoked. We ate four high fat, high colorie meals a day, and worked dreadful, long hours under unremitting mental stress. Little surprise then that we lived less long than our patients ond had o higher incidence of coronary diseose. Show's old quip was still valid: "There are more old drunks thon old dactors!"

It wasn't until about 1959 that same of us begon to believe in ond preach about high risk variables reloting to voscular illness. We suspected that o family history of coronary disease, cigarette smoking, high cholesterol, hypertensian, diabetes, abesity, poorly managed stress, and lack of exercise were contributing to the epidemic of coronory deaths, which

From Watson Clinic, Lakelond, FL 33805.

were on the rise. Doctors were divided, and there were numerous "yes, it is" and "no, it ain't" papers appearing in the medical literature, as is always the case when theory precedes experimental proof. Only recently have studies begun to come in proving that our assumptions were, indeed, correct. In the same way today the controversy is just heating up over the possibility that caffeine and artificial sweeteners may be harmful. My sympathies are still with the "yes, it is" group, until the data are all in.

During the past 25 years we must have been doing something right. In 1959 our nation was topped only by Finland in incidence of coronary deaths; now, instead of being in second place, we are eighth. This 30% drop represents the sharpest decline experienced by any country and a saving of 800,000 lives, lives saved not by heroic and expensive medical intervention but by "freebie" prevention, resulting from changes in lifestyle. Even we doctors are cleaning up our act. Over 50% of us smoked in 1950, and only 10% do so today, compared with 40% for nonmedical American men.

In 1950 a mere 10-15% of patients with high blood pressure were detected and controlled medically; today it is estimated that over half of hypertensive patients are receiving adequate treatment. This improved coverage probably explains the astounding 48% drop in the incidence of stroke since 1968.

Industry has also begun to push for wellness programs, targeting their attacks on cigarette smoking, alcohol and drug abuse, overeating, lack of exercise, and poor time and stress management. These programs have proven to be highly effective in decreasing medical costs, increasing productivity, and lessening absenteeism. In only one year after starting such a pilot program, Prudential of Houston experienced a 59% decline in absenteeism, with a savings of $284,000. Many other corporations have duplicated these results.

Despite the upsurge of public interest in wellness examinations, there is a shortage of physicians who direct their attention to the whole patient and the practice of preventive medicine. Such generalists are required to wear at least two very large hats. They must remain proficient in the diagnosis and treatment of all adult diseases and still find time to study and foster wellness. That's a lot of turf for one man to cover.

At a recent alumni meeting, my old professor said that he was glad he went to medical school when you could learn everything. Although he was being facetious, I knew what he was talking about, since many of us cherished similar delusions in the 50's. But times have changed, and today over two-thirds of doctors are specialists. These physicians often limit their thrust, both medically and preventively, to their areas of expertise, sometimes leaving gaps in whole patient coverage.

I am reminded of the little old lady who at her first appointment with a young superspecialist said to him anxiously, "I sure hope you treat what I've got," to which he replied with equal concern, "Lady, I sure hope you've got what I treat!"

This increasing subspecialization resulted from a combination of factors: logarithmic advances in medical knowledge, admittance to medical schools of ever more compulsive students, and the exorbitant but luring fees commanded by highly specialized medical care.

Although preventive medicine often takes more time than diagnosis and treatment, it is less glamorous and remunerative. Up until now, at least, both patients and third party payers have been quicker to pay for a dramatic coronary bypass procedure than for the mundane advice that could have prevented its necessity in the first place.

But even if a physician is interested in, and willing to practice, preventive medicine, he is forced to agree with the old maxim that, "It's hard to remember you came to drain the swamp when you're up to your backend in alligators." Illness is an alligator. If you come to the doctor with complaints, he is going to spend his time and efforts trying to alleviate them. It would be better to schedule a wellness checkup between illnesses.

What should you expect or demand from a wellness exam? At least three things should happen. You should be evaluated, educated, and motivated.

As the doctor interacts with you, he will doggedly pursue at least three major questions: Who are you? Where did you come from? And where are you going? Answers to these large questions help him to form a model of you in his mind's eye, visualizing you as accurately as possible as the unique human being you are.

The question centering on who you are will seek to discover how you feel, think, love, play, work, study, worship, recreate, procreate, exercise, eat, sleep and hurt.

The query as to where you come from relates to family and past history. We all come into the world a stacked deck of genes with certain predispositions to illness. Once a weak link in this genetic chain is identified, a program can be designed either to strengthen the link or lessen the pull on the chain and perhaps prevent or delay the onset of disease. For instance, one in three of us probably carries the diabetic gene; but few of us need suffer the ailment, if we will eat less sugar, exercise more, and keep our body weight down. But if we are unlucky enough to get the disease, we can patch up the link with insulin.

The history may also reveal past trauma or unresolved grief; there may be problems in communication or in loving and being loved. Continuing trouble in any of these vital areas often interferes with present happiness and success. Skillful counseling can be immensely valuable, not only in bringing hurts and scars to light, but in helping the patient deal with them in productive ways.

The third major question, which asks where you are going, deals, of course, with dreams or goals. It never ceases to amaze me how many otherwise intelligent patients have never even considered the question. For those people in our circumstances, the tough part is deciding what we want, because for us the old admonition is undoubtedly true: "You'd better be careful what you want, for you are likely to get it."

Finally, a physical examination and numerous blood, urine, x-ray, and other tests will be done to pick up hidden diseases or warning signs of illnesses likely to occur in the future.

After the evaluation phase is complete, efforts to educate and motivate you to change should follow. The word doctor comes from the Greek root "docere," which means to teach. The teachers we remember best are not those who spouted the latest hot information, but those who taught us how to think and solve problems. They asked the right questions and made us look up the answers. It is said that Confucius was hard on pupils. He gave a pupil only one corner of a square. If the student failed to get the other three corners independently, the master got a new pupil. Alas, rarely are patients motivated enough for such methods to succeed.

My colleague, Dr. Henry McIntosh, sometimes uses such Confucian shock therapy. He has been known to discharge a patient who fails to heed his advice to stop smoking or lose weight. But more often, he and we must be lenient with slow learners and realize that learning often comes only with repetition. We have all had patients who changed bad habits as late as four or five years after first being given all the good reasons for doing so.

There is another mandatory characteristic of good teachers; they teach by example. Hence, wellness doctors must practice what they preach if their impact is to be maximal. I well remember from a leadership training course in infantry OCS in World War II that to move men forward into combat, the only command worth making was, "Follow me!" Doctors should do likewise.

But whatever differences there may be in style of teaching, there is little disagreement about what should actually be taught. Exercise, for instance, is "in." When Kenneth Cooper wrote his first book on aerobic exercise in 1968, there were only 100,000 joggers in America. Today there are over 30 million.

The term "aerobics" refers to that vigorous exercise that leads to the highest degree of fitness. It increases the efficiency with which the heart and lungs deliver, and the body uses, oxygen.

Achieving aerobic fitness requires pushing ourselves for a sustained period at a rate just short of a stitch in the side. The pulse rate must rise to 80% of your maximum (an average of 130-150) and be kept there for a sustained period. A rough estimate of your maximum pulse is found by subtracting your age from 220.

Games such as tennis and golf are great fun once fitness is achieved, but will be of little help in getting there. The best activities for this purpose include swimming, walking, jogging, running, biking, aerobic dancing, cross-country skiing, and others, all of which, unfortunately, are described by most of my patients as dull, repetitive, and boring. We must also fit structure to function — elephants shouldn't tap dance and gazelles shouldn't lift weights.

To achieve and maintain maximum aerobic fitness, it is necessary to perform this routine for only 24 minutes three times a week. In fact, Cooper says that if you run more than 12 to 15 miles per week, you are running for some reason other than fitness. I freely admit that I am an addict, who gets mean if I miss my run. You, too, may experience the elusive and mystical "high" felt by many serious runners, which is caused by the body's production of morphine-like substances known as endorphines. These pain-relieving secretions probably explain how athletes are sometimes able to finish the game or race even with severe injuries.

Whether your exercise is pleasure or pain, it must become a regular habit like sleeping and eating if you want to keep the benefits, because, unlike calories, fitness cannot be stored. But where else could an investment of less than two hours a week bring such enormous returns? You win the grand prize of heightened vitality and cardiorespiratory fitness with additional payoffs of lowered blood pressure, pulse rate, and body fat.

Those who exercise regularly have also been shown to have fewer infections. It has been theorized that fever may be one way the body fights off incipient infections, and exercise raises body temperature, sometimes to as high as 104 degrees.

Another major benefit is the possible delay and perhaps even prevention of some age-related physiological changes. It is possible to have a 20-year-old heart in a 50-year-old body just as, unfortunately, and maybe more commonly, it is equally possible to have a 50-year-old heart in a 20-year-body.

Now that we have tuned up the machine, the next question deals with what fuel, and how much of it, is best. This is the area where quackery abounds. Each week sees the introduction of a new and often dangerous "miracle diet" with yet another group of hopeful devotees flocking to its shrine for the cure.

Your diet, on the other hand, should be demonstrably safe, one that has been eaten by a large population over a long period of time. Such a diet should be low in fat, cholesterol, sugar, salt, rich dairy products, and red meat. It should contain more fruit, vegetables, complex starches, low-fat dairy products, and fish, with only limited quantities of skinless poultry breast. We should try to think of other meats as a condiment rather than a staple.

The closer your diet comes to being

vegetarian, the healthier and leoner you will be, and the less risk you will run of developing not only vascular disease and obesity, but olso cancer. Fat men have more cancer of the rectum, colon, and prostote gland, ond obese women are more at risk for concer of the breast, gallbladder, uterus, and ovories than their thinner counterparts. Most cancer-causing chemicals ore fot soluble, so by limiting the fat intake in the diet and having less of it on our corcosses, we can decreose exposure to these carcinogens. Eating more roughage helps, too, by pushing potentiolly dangerous materiols through the intestinal troct faster.

We have learned that the cholesterol picture is more complicated thon it wos originolly thought to be. In the beginning, we assumed that a high total cholesterol wcs always bad news, but we had difficulty explaining the frequent controdictions of patients with high cholesterol who had no vascular disease ond others with low levels who were riddled with orteriosclerosis. Recently we have leorned that the totol cholesterol consists of different components and that it is the rotio of certain of these subgroups to eoch other that is important. For example, high density lipoprotein (HDL) is known as good cholesterol, and low density lipoprotein (LDL) is the culprit. Ideolly, the ratio of LDL to HDL should be 3.5 or less if vascular disease is to be prevented. Some physicians use the rotio of total cholesterol to HDL, which is equally predictive, and should be 4.5 or less. Make sure your doctor gives you the facts about your lipid tests for it is common to find grossly abnormal ratios in totally unsuspecting, healthy, robust, osymptomatic patients. It may be the only worning we have that trouble is on the way and that orterial disease is developing.

Obesity, which is defined as being 20% over one's ideal body weight, may be today's number one health hazard, and 35% of us over the oge of 50 are in this category. A simple calculation for determining ideal weight is for men to multiply their height in inches by 4 and subtract 128 and for women to multiply their height in inches by 3.5 ond subtract 108. This formulo gives me, for instance, an ideal weight of 156, denoting ten pounds of excess blubber, or 35,000 surplus calories. For me, os for many of us, my seemingly emaciated high school graduation weight proves, on colculation, to be the ideal.

The percentage of body weight made up of fat can also be estimated by measuring skin fold thickness with speciol calipers. For athletic men, the level should be no higher thon 15% and for women 18%.

Sometimes I think that the cause of obesity must be skipping breakfost ond drinking diet colas since every fat person in my practice reports doing both religiously. They also typically consume large doses of "black calories," or those eaten after dork, with no opportunity to work or exercise ofterwards to burn them off. A more logical eating pattern would be the old farmer's routine of a good breakfast and lunch and a very little light supper.

At the end of the day, we should all convert from tight to loose tiredness before eating or inflicting ourselves on unsuspecting loved ones. A physical workout before the evening meal would not only use up calories, but reduce the tension which often leods to nervous night eating that undermines the efforts of the most disciplined doytime dieter.

But, don't let me kid you! There is no magic, and even our best efforts are likely to foil here, for only 5% of grossly obese patients are able to lose weight ond keep it off for three years. The attainment and mointenance of an ideol body weight remains one of the most difficult ond frustrating challenges.

We hove leorned recently that the distribution of fat is importont. Fat below the woist on the hips and thighs is less ominous and more of a cosmetic than medicol problem, but fat oround the waist is linked strongly to heart disease. For every inch your girth exceeds your chest circumference, your life expectancy is reduced by three yeors. Get rid of that pot belly or get measured for o peor-shaped coffin!

However, even if we succeed in correctly tuning ond fueling this marvelous machine, our body, we must stop sobotoging it with destructive habits.

Use of tobacco contributes to at least 300,000 deoths o yeor from heart disease, cancer, and emphysema. Alcohol is causally related to at leost 10% of all deaths in this country, particularly those due to liver disease, the fourth leading and fastest growing couse of deoth, ond outo occidents, the fifth leoding couse.

Even when not fatal, the misuse of alcohol and other drugs con be debilitoting. The broin begins to die at the age of 18 years, and this process continues relentlessly throughout odult life. It dies soon enough without our help, but chemicals which change the woy the brain functions may accelerate this death of broin tissue and contribute to the organic brain syndromes we all dread. Distressingly, too few of us recognize even today that the most highly abused drug is alcohol.

I am reminded of a poignont story of a beautiful young teenoge patient of mine I was colled to see in the emergency room for an overdose of street drugs severol years ago. When she wos sufficiently improved to communicate, I asked her why she persisted on such an obviously dongerous course, and her onswer hos continued to haunt me. She said, "I told my fother that I would stop using drugs if he would stop drinking a fifth of gin every night. His only answer was, 'Gin is not illegal.' "

From Shakespeare we leorn that "Alcohol addeth to desire but taketh away from performance." Over the yeors many tearful interviews in my office with frustrated wives ond would-be lovers have proven the volidity of his observation.

Since no one of us remains igno-

rant of the dangers of our bad habits, the mere fact that so many of us still indulge in them tellingly attests that education is not enough. It must be accompanied by motivation, which is another difficult task of a wellness physician. As Ruskin says, "The best education consists not in teaching people to think what they do not now think, but in teaching them to behave in ways they do not now behave." If you leave the wellness examination no different than when you went in, either you have been a bad patient or you need a new doctor.

So much for the habits that plague us. Now what of life in the work place?

I have been examining corporate executives for 25 years and have seen a recurring stress pattern which concerns me. I call it modestly, the Verner principle, as opposed to the Peter principle. Here a man is promoted to a level not of incompetence but of unhappiness. Yet, because of a high standard of living to which he has become addicted, he remains in a job he hates.

Too often, a rung or two up the corporate daisy chain from him is a madman who is so driven and driving that he makes everyone around, and especially below, him sick. Since misery loves company, he often insists that his style of work is the norm, and those beneath him must conform to his expectations. Many times this boss is not at all sick himself. You know, there are basically two types of people in the world, those who get sick and those who make everyone else sick. He is usually among the latter. Unfortunately, I've only diagnosed the problem. The cure is elusive. But let's attack one of the symptoms.

Stress management is an area that deserves attention. Some stress is desirable, and no doctor wants you to miss the game of life and its adventures. It is unremitting and prolonged stress that causes disease.

Stress causes adrenaline, the battle hormone, to flow, and too often we must continue sitting behind our desks, stewing in our own angry juices, preparing to do physical battle which never comes. The only immediate remedy is vigorous exercise, a socially acceptable form of combat, which completely restores chemical equilibrium. Thomas Jefferson wisely said, "Take time for exercise now or make time for illness later."

Other minor aids are hot baths, biofeedback, meditation and other relaxation techniques, soothing music, and occasionally, as a last resort, judicious use of prescribed drugs.

We must make recreation a part of our lives, too, and by that I mean just that . . . re-creation. Activities that dissipate tension and restore vitality can be as widely varied as the people who engage in them. For the bored housewife it may be a trip to New York to see the plays; for the harried executive it may mean strapping a pack on his back and hiking over the Continental Divide. But whatever the form, recreation is an essential part of the prescription for stress management. Find out what works for you and get going.

Since time is our only real possession, its management is of prime importance. I ask my patients if they are in control of their day and, sadly, most reply that they are not. Thoreau believed, as I do, that money is always obtained in exchange for time and liberty, and he calculated the cost of everything in terms of how much of his life would be used up in buying it. So, if time really is money and we must sell it to survive, we had better become as effective as possible in its use. Courses in efficiency, time management, and rapid reading are essential if we would learn how to have enough time to buy all the life we choose to live.

Osler recommended living in day-tight compartments. If the present day is right, the weeks, months, and years need not concern us. Each day is a microcosm of our life. If we have squeezed into each one all of the essential elements then we shall find at the end of not only that day, but also of life, that we have achieved physical, mental and spiritual balance.

Of course, realistically, there are certain periods in our lives when such perfect balance is beyond reach. It seems to me that there are two phases to most men's lives. The first is the acquisitive phase during which he tries to conquer the world. During those years it may be necessary to make sacrifices and lose control of some of his days in order to accomplish his goals. Later in the second or contemplative phase he strives to conquer himself and regain control of his last days.

But even if we are managing stress and getting our days under control, wellness is not possible if things are in a mess at home. In order to be sane in an insane society, we need an oasis from the world. We must not come home to yet another battlefield.

Bill Lord, who recently celebrated his 50th wedding anniversary, declares that his secret was that he out-married himself. Good advice, and I belabor the point with every teenager I see. Mate selection is the most important decision we will ever make, but it is usually left almost entirely to moonlight and chance. We take more pains in choosing a dog. In that case, realizing that all puppies are cute but that they don't all become attractive dogs, we check the pedigree. Similarly, a cold hard look at the parents of our intended might have a cooling effect. But, of course, no one listens to such advice, at least not the first time around. But there is a 50% divorce rate, and sometimes before a second marriage, they are ready to exercise at least some light along with heat in making the decision.

But for most of us the mating dance lies far in the past and we must make the best of what we lucked into. I ask patients who are having marital problems how they would feel if their spouse went down in an aircrash. After the shock and grief subsided, would they be better or worse off? If the answer is that they would feel relieved and liberated, I know they

need more help thon I con give them. But, if the response is that,even though they have all kinds of gripes obout their mate, they really would miss the ole' coot, I say it's time to stop complaining about the marriage and get to work to make it work.

Is there a magic solution? One of my patients says that when he is angry with his wife, he grabs her, throws her over his knee, pulls her pants down, and . . . kisses her. Well, that may not work for everybody, but it is positive action.

We all take our mates for granted. Twenty years ago it struck me that we celebrate Mother's Day, Father's Day, Doctor's Day, Groundhog Day, and many others, but that no day was set aside for the most important person in my life. So, I instituted Wife's Day, which is any day of the year I choose to do something to show my partner how important and wonderful I think she is. You may ask if there's a husband's day at my house. Yes, the other 364; 364:1, not bad odds, huh?

We need to improve interaction among all the family members. Because the quantity of our time is usually severely limited, quality must be really first-rate. Fifteen minutes of one-on-one without interruptions can be better than a whole day of "All in the Family." Take one child out alone to a meal; plan a mini-honeymoon with your wife. You say you can't afford it? Try divorce if you want to find out what's really expensive.

Another experience which proved immensely valuable was allowing my middle son to go to Outward Bound in Colorado at age 15. He left a boy and came back a man. Apparently, young people need to be stretched, and nothing does this better than a survival course in the wilderness.

My youngest son came along late as a dividend. Our other three children had grown up while I wasn't looking, and I determined not to let this one slip by, too. There wasn't much time we could be together, so during his four years of high school, I awakened him each morning at five and we ate breakfast together, just the two of us. During a brief lesson, I tried to teach him something he wouldn't be likely to learn in school — off-beat subjects like Greek mythology, vocabulary, or famous men's lives. We alternated days saying a little prayer before going out to meet our respective worlds.

I don't know for sure what these times meant to my son, but they are priceless to me. His prayers, the outpourings of a young idealist, have been preserved, not only in the notes I scribbled each day after he left, but more indelibly in my heart.

Youth has been in rebellion for ages with a ceaseless alternation of generations. In our own century we have had the straight-laced Victorian period, followed by the libertine roaring twenties, succeeded by the somber wartime forties, then the hippy flower children of the sixties, and now back again to conservatism in the sober eighties. The young are still saying: "I don't know what I want, but I know what I don't want . . . and that's to be like my parents."

Isn't it sad that our lifestyles don't appeal to the idealism of youth? Maybe they are right.

I have seen many of us, at least in the medical profession, pass the test of poverty, only to flunk the test of prosperity. We acquire too many things which begin to own us, and gradually find that somewhere in the mad pursuit of making a so-called "better living," we have lost the joys of the simple life. I submit that the ideal is still the simple life — that golden mean between too little and too much.

Now we have our man almost well. His body is healthy; his work is bearable; he is happy in his nest; and working toward a simpler life. Is anything missing? Only the most important part, the spiritual dimension without which he too often becomes just one more narcissist among us. A man wrapped up in himself makes a mighty small package, the kind of man Cicero describes as "lovers of themselves with few rivals." If we would move beyond the infantile stage of egoism and become other-directed, we need a strong faith in a creator who has a plan for His world and a place for us in it.

We need a guiding star of absolute morality to follow in our daily lives and a spiritual anchor to hold onto in the storms. Paradoxically, it is often the super-educated (or should I say pseudo-educated?) who get drawn into the treacherous tides of the popular situational ethics. They flounder about, making decisions without reference to any value system above their own, and their lives are littered with the tragic results. Even the simplest of the devout and faithful in my practice live and die better.

I'm sure you realize by now that wellness is much more than the absence of disease. It is, at best, a process improving the quality of life and fostering an optimistic sense of soul and purpose. It has been my highest calling as a physician over these past 30 years not only to prevent, diagnose, and treat your illnesses, but to strive with you as we try to perfect those physical, mental, and spiritual habits that lead us on toward our ultimate goal . . . total wellness.



North Carolina Day Care Center Illness Policies: A Time for Change

Suzanne E. Landis, M.D. and Jo Anne L. Earp, Sc.D.

How should day care centers manage children who come down with infectious illnesses while at the center? Should they exclude all children when they get sick, whether at home or in-center? Different programs vary substantially in their policies for excluding ill children.[1]

Many day care center policies exclude children with a fever in the belief that this will prevent the spread of infection to other center members. Yet children with upper respiratory illnesses may shed infectious particles both before the onset and after the resolution of symptoms or signs. Asymptomatic children also may transmit infection.[2-5] Thus exclusion of children with the routine runny nose and cough may not prevent transmission of the illness to other staff and children. In fact, inclusion of these children in the regular day care classroom does not seem to increase the amount of illness in a center.[6] Fever, without any other symptoms, or conjunctivitis (pink eye, eye drainage) is most often caused by viruses spread by the respiratory route. Therefore, excluding children with only fever or conjunctivitis may not significantly decrease the spread of these infections in the center.

Exclusion criteria stated by the Infectious Disease Committee of the Northern California Chapter of the American Academy of Pediatrics include streptococcal infections (strep throat, scarlet fever and impetigo), lice and scabies until treated; hepatitis (yellow jaundice); diarrhea; varicella (chicken pox); rubeola (measles); rubella (German measles); mumps; tuberculosis; pertussis (whooping cough); and fever.[7] Fever, as an exclusionary criterion, heads the list.

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The North Carolina Day Care Center law states that "children who are suspected of having a contagious disease shall be kept separated from the other children until they can be picked up by their parents or until the illness is diagnosed as noncontagious."[8] These contagious diseases are the same as listed by the American Academy of Pediatrics. In addition, individual day care centers are required to have an illness policy about how to manage children with mild illnesses, i.e., those illnesses not felt by the state to be contagious. Most commonly these mild illnesses are upper respiratory infections, with or without fever. This article describes illness policies in North Carolina day care centers and suggests reasonable management of mild illnesses.

Our Study

In order to answer the question of how day care centers manage children with mild illness we investigated day care centers in three North Carolina counties — Wake, Orange and Chatham. These counties represent a mixture of urban, rural and university-town locations, with varied sociodemographic characteristics. All licensed day care centers in these counties, as of January 1985, comprised the target population.

The centers were stratified into an "uncertified" group and a "Level II" group. Uncertified centers meet the minimum requirements for licensure. The Level II centers pass a voluntary certification process requiring lower child/teacher ratios, more space per child and better educational programs. This designation allows the centers to receive reimbursement for poverty level children from the Department of Social Services. Level II centers are required by the Department of Human Resources to have a written illness policy: "health policies will be written and carried out concerning . . . absence/readmission of children due to illness, pracedures to be followed when the staff, volunteers or children have communicable infections or chronic illnesses. . . ."[9]

Thirty day care centers from each stratum were randomly selected. A letter of introduction was sent to each day care director, followed by a phone call one week later to arrange a personal visit to the center. At the visit the director was asked to complete a ten minute, 41 item, self-administered questionnaire. Of the 60 centers selected as the sample population, 52 centers (87%) completed the questionnaire (93% Level II, 80% uncertified). Answers to the questions were validated during the visit and by examination of the annual state health inspection reports.

Our Findings

Four of 24 (17%) uncertified respondents had printed illness policies. These consisted of one sentence stating that if children became ill or showed signs of illness they would be isolated from the other children until the parent could promptly come for them.

Seventeen of 28 (61%) Level II respondents had printed illness policies available. In general these were part of a more comprehensive parents' handbook about the center's philosophy and policies. The policies often included statements about when sick children would be sent home and when they could be readmitted.

Three categories of illness policies emerged (table 1). First were the nonspecific guidelines which stated that if children became ill and/or feverish during school hours they would be isolated until a parent could pick them up. Second were the temperature and symptom/sign specific policies. These often listed a level of temperature

Table 1
Current Day Care Center Policies for Exclusion of Mildly Ill Children

Type of Policy*	% of Centers (N = 21)	Example
Nonspecific	53%	"If a child is not well, he should be at home until completely recovered."
Temperature and Symptoms/Signs Specific	62%	"If a child has a temperature above 100°F, he will be sent home from school."
Behavioral	19%	"If a child needs special care because of signs of illness, the child should not be brought to the center."

*Some individual center policies may contain more than one type.

and/or a list of symptoms or signs for which children would be excluded. The cutoff temperature above which children were excluded varied from 100°F to 101°F. Symptoms or signs requiring exclusion included: diarrhea, vomiting, rash, fresh cold or runny nose, deep or excessive cough, sore throat, discharge from the eyes, continuing headaches or general malaise. Third were the behavioral-based policies which usually emphasized whether the ill children could participate in the center activities. This last statement was sometimes included with one of the other categories.

Policies for readmission after an illness were more uniform among the centers and, if stated, required that children be free of fever and have no vomiting or diarrhea for 24 hours or that they be "well." The determination could be made by parent alone or in consultation with the day care staff, by a note from a physician, or by complete resolution of the symptoms or signs for which children were excluded.

Discussion

Currently, there is wide diversity in the content of North Carolina day care center illness policies. Many centers have no written policies. Management of ill children may be quite varied and may depend on the personal beliefs of the day care staff.

Ideally, an illness policy should be written; available for parents, physicians and staff to read; short yet complete; and able to be individualized to a particular situation.

What is an appropriate illness policy? Should children be excluded for a fever? Currently, fever is the most common reason for excluding children from a center (unpublished data, Suzanne Landis). This may be due to the objective nature of an evaluation in temperature and to the presence of widespread "fever phobia."[10, 11] The level of temperature that is considered a fever varies greatly,[1] and each child may react differently to a specific level of temperature.[12] There is no evidence that isolating children with fever, in the absence of other symptoms or signs, will prevent transmission of an illness. Focusing only on a level of temperature may place too much emphasis on that one objective sign.

Children with respiratory symptoms such as cough, runny or stuffy nose and eye drainage do not need to be excluded from the center in an attempt to reduce the transmission of these illnesses. Children with diarrhea, a rash of unknown cause, or a sore throat thought to be strep throat should be excluded from the center. Children should be excluded when they cannot function well in a group setting or when they require extra attention or rest. The primary emphasis should be on whether children can participate in group activities rather than on a level of temperature.

Similarly, reasonable readmission policies should allow children to return when they are able to participate in group activities again or when they are no longer considered contagious by a physician.

Half of all mothers of children under three are currently in the labor force, up from one-third in 1975. Sixty percent of mothers with children aged three to five are working.[13] The demand for full-time child care is great and will continue to grow. Children's illnesses for which parents must take off work cost employers anywhere from 6.25 days to 28.8 days per female employee per year.[14, 15, 16] Day care center illness policies should be reevaluated periodically, keeping in mind the relative safety of caring for mildly ill children in the centers, the economic burden encountered when working mothers provide home care for sick children and the availability of adequate space and staff training in the day care center.

References

1. Shapiro ED. Exclusion of ill children from day-care centers: policy and practice in New Haven, Connecticut. Clin Pediatr 1984;23:689-91.
2. Frank AL, Taber LH, Wells CR, Wells JM, Glezen WP, Paredes A. Patterns of shedding of myxoviruses and paramyxoviruses in children. J Infect Dis 1981;144:433-41.
3. Johnson KM, Chanock RM, Rifkind D, Kravetz HM, Knight V. Correlation of virus shedding, serologic response, and illness in adult volunteers. JAMA 1961;176:663-7.
4. Hall CB, Douglas RG, Geiman JM, Meagher MP. Viral shedding patterns of children with influenza B infection. J Infect Dis 1979;140:610-3.
5. Hall CB, Heiman JM, Breese BB, Douglas RG. Parainfluenza viral infections in children: correlation of shedding with clinical manifestations. J Pediatr 1977;91:194-8.
6. Lado FA, Glezen WP, Clyde WA. Respiratory disease in group day care. Pediatrics 1972;49:428-37.
7. The Committee on Infectious Diseases. Infections in day care centers: recommendations for prevention and control for physicians. Northern California Chapter I, of the American Academy of Pediatrics, 1984.
8. North Carolina. General Assembly. Session of 1971. *House Bill No. 100, Child Day Care Law 1971*. Raleigh, 1971.
9. North Carolina. Department of Human Resources (Office of Day Care Services). *Child day care center standards: office of day care services manual*. Raleigh, 1982.
10. Kramer MS, Naimark L, Leduc DG. Parental fever phobia and its correlates. Pediatrics 1985;75:110-3.
11. Schmitt BD. Fever phobia. Am J Dis Child 1980;134:176-81.
12. Haskins R, Hirschbiel PO, Callier AM, Sonyal MA, Finkelstein NW. Minor illness and social behavior of infants and caregivers. J Applied Devel Psych 1981;2:117-38.
13. Bureau of Labor Statistics. Labor force activity of mothers of young children continues at record pace. Washington, D.C.: Department of Labor, 1985.
14. Carpenter ES. Children's health care and the changing role of women. Med Care 1980; 18:1208-18.
15. Doyle AB. Incidence of illness in early group and family day-care. Pediatrics 1976;58:607-13.
16. Strangert K. Respiratory illness in preschool children with different forms of day care. Pediatrics 1976;57:191-6.

Freedom for Sale

Charles C. Stamey, M.D., and Betsy A. Parsley, M.D.

WE have resigned from the all-inclusive insurance plans in our area after a year of participation in an effort to learn what it was all about. What we learned has made us aware that we want nothing to do with them.

In its own particular way each insurance plan means that we sell our freedom for assured insurance money. The threat to us is that if we don't subscribe, we may lose patients, and in this doctor-glutted world we must compete. But succumbing to such threats is the same as being wimp doctors or medical cream puffs. As in the fable of Brer Rabbit at home in the briarpatch, the challenge of competition is an integral component of growth. The competition concerns the best medical care, and the challenge among competitors provides both the best for the patient and a stimulus for continued growth for the physician. As Tennessee Williams said: "Once you fully apprehend the vacuity of a life without struggle you are equipped with the basic means of salvation."

Money is a byproduct of good medical care. It is monetary reward for value received. It is good old honest, hard work, American capitalism at the grass roots level. In a more idealistic sense, it is medical loving of your neighbor as yourself. It is the giving of love in the tangible form of medicine.

Some physician economists knowledgeable about the new forces in paying for medical care are prophets of doom. We have heard experts from Detroit/Chicago/Houston describe their experiences and recommend that the smart thing was to join every plan. We remember how concerned we were when we were not fast enough to sign up with one of the first plans with a local industry while our colleagues were quicker than we. We even tried influence through friends to get on the list. But the company said they had their permissible quota and could take no more. We felt victimized, left out and controlled by an insurance company. A year later, we had lost only one family from our practice who left because we didn't belong to that plan.

Another plan came along and we signed up in the beginning. We are not slow learners and we meant to be included this time. This plan had nice friendly salesmen-communicators and medical involvement by old friends as local representatives, and we felt better until we learned that we were really becoming an insurance company ourselves. That is, the monthly fees paid by the patient to the insurance company and passed along to us after the company subtracted its dividends actually means that we pay the patient's hospital bill! We are not covering just our services but we are to pay for operating rooms, surgeons, nurses, labor, food, beds, etc. This is just the sort of expenses for which we personally have hospital insurance. But under this plan we cover it for a patient as an autonomous insurance company ourselves. If we had wanted to grow up to be an insurance company, we would have gone to Insurance School. How absurd! We never send our pediatric patients to the hospital unless it is medically required; it is poor medicine to admit a child for any other reason. To think that whether or not we had to pay the patient's hospital bill would have anything to do with an essential admission is ludicrous.

Another plan appeared, promising to involve most of the local industry except perhaps the diehard entrepreneurs. Their Madison Avenue soft sell promised twenty-four-hour availability (as if they had invented it) for everything by a physician so personal that he belonged to you (like a mother belongs to her child). And when has there ever been an eight-hour authentic physician? All real doctors cover twenty-four hours a day, seven days a week personally or by an alternate. Medical abandonment is unthinkable. That's not an insurance originality. This plan gave us a list of consultants to whom we could refer. In some areas there weren't many choices and many of the people we considered best for our patients weren't available. No longer was our judgment considered best for our patients; rather we must ask the insurance company what we should do. No more. We don't need that.

We also experienced overuse of this and other plans by visits for trivia which a knowledgeable parent should be able to care for at home or with telephone reassurance and instruction. A parent must be the first line source for a child's medical care. If the parent is to give medical security to the child, then the parent must, with the help of the physician, grow to a level of lay competency sufficient to care for the situation or to develop proper judgment as to when physician help is really required. The maturation of understanding in medical areas increases confidence in other dimensions of parenting in which a secure child requires a secure parent for optimal growth as a human being.

The next new trend was a home-grown physician-hospital, a jointly owned affair. This was big time, with imported consultants from all over the country. Physicians with real business capabilities began to emerge from the ranks of colleagues in white coats and we admired their expertness. The hospital, long known for its great business acumen, gave the venture clout. We were told that we would, in effect, become stockholders, eliminating the insurance company middle man, and therefore, we would

From 3000 Bethesda Place, Suite 501, Winston-Salem 27103.

make much, much money while practicing beautiful medicine in the family of physician owners and our own local hospital. Of course there would be rules but we would make them ourselves and therefore they would be palatable. For starters, all patients would have to be admitted to the home-base hospital unless there was adequate reason to justify sending them elsewhere.

When a child is sick enough to require hospital admission, there is often a need for a pediatric sub-specialist. After years of acquisition, all of these super specialists are available at the other hospital across town. Our patients would have to do without the pediatric cardiologist, geneticist, etc. The fact that this hospital has no house staff on its small pediatric unit while across town at the medical school hospital there is an abundance of house officers means that the other hospital does it better for really sick children. And if children aren't really sick, they don't belong in the hospital in the first place. But how can they tell us which is best for our patient? Who is the responsible physician anyway?

The responses from our patients to our withdrawal from these many plans have been as varied as people are individual. One company has notified its customers that we are leaving the plan this month. Some patients have elected to leave the plan after their coverage expires. Many have come in quickly before their time runs out. Others want advice on which doctor to go to. One mother, who has been in the practice for twelve years and now has three children, the youngest being three, said they could not afford to go off the plan unless she went to work. Just for kicks, my secretary looked up her total costs for these three children in the past twelve months and they came to $284.00 Is that like one car payment, half a house payment, three to four trips to the grocery store? Who else had a beeper on the belt in case they had an emergency twenty-four hours a day, seven days a week? We don't pretend to know much about monetary values but we do know that we feel good about what we did for this family that we care about and that's about all that really matters.

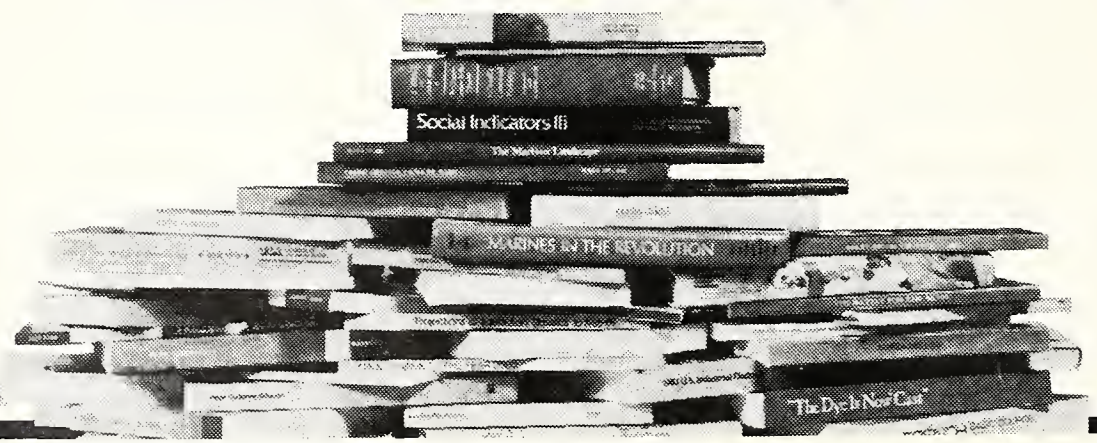
Because ours is an established practice with a positive history in this area, we are able to swim upstream with less risk than some. If we were just starting out in practice, we might feel that we had to join the unions or risk sinking. Even so, we think we would fight for what we believed in or escape to some rural area less pervaded by medical commercialism. We know that we could not sell our freedom in any case. Patrick Henry said it well and Eleanor Roosevelt said some more: "No matter what career choice you make, don't think about money or fame. It's the wrong approach. Do something you believe in and do it to the very best of your ability. If you do a first-rate job, all the rewards will follow."

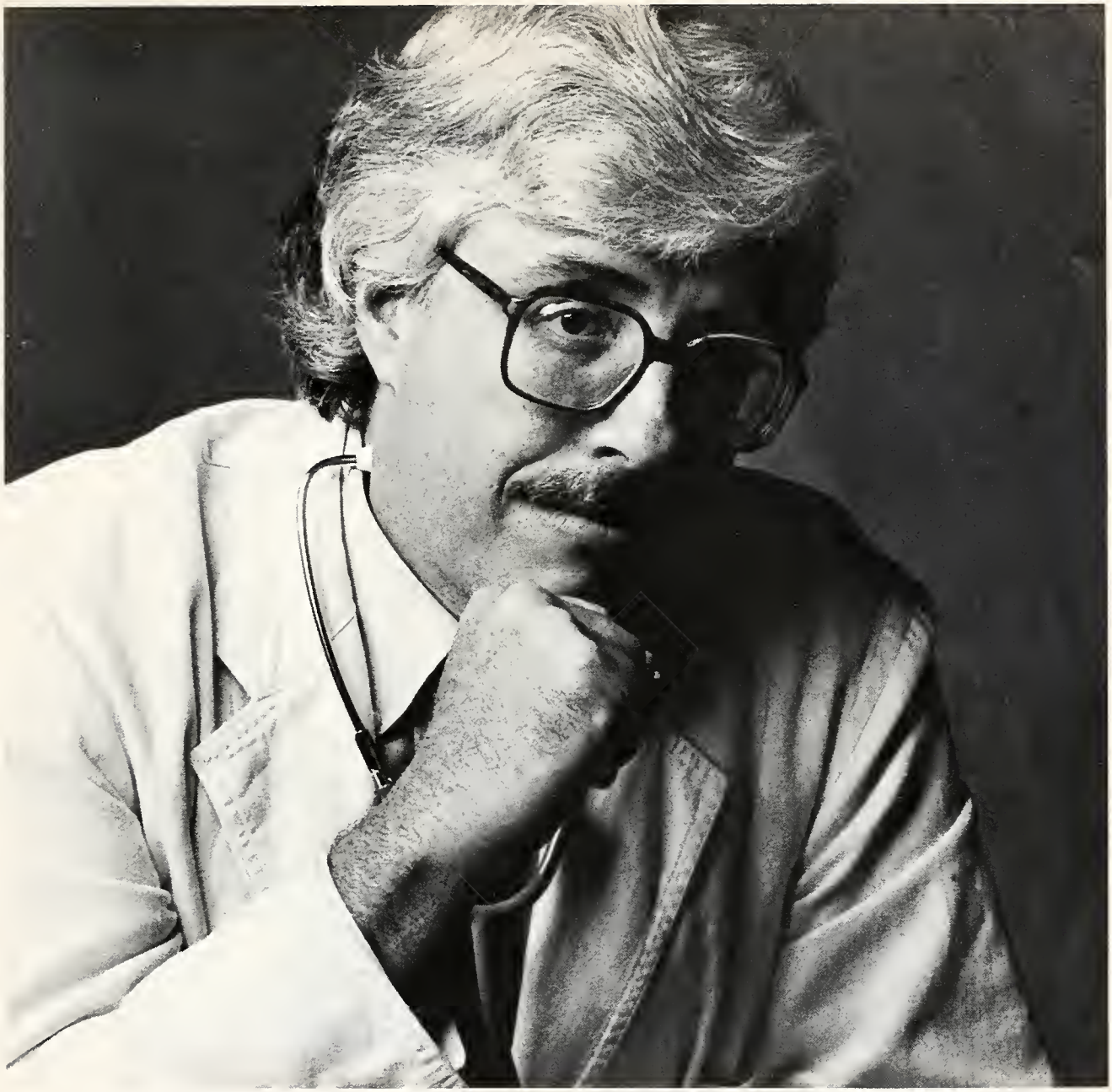
We know that the freedom to give the best medical knowledge available by a caring, real physician is what patients and doctors all need. Money is a by-product of giving and not a reason for being.

Our warehouses here at the Government Printing Office contain more than 16,000 different Government publications. Now we've put together a catalog of nearly 1,000 of the most popular books in our inventory. Books like *Infant Care*, *National Park Guide and Map*, *The Space Shuttle at Work*, *Federal Benefits for Veterans and Dependents*, *Merchandising Your Job Talents*, and *The Back-Yard Mechanic*. Books on subjects ranging from agriculture, business, children, and diet to science, space exploration, transportation, and vacations. Find out what the Government's books are all about. For your **free copy** of our new bestseller catalog, write—

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Medical Mutual
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PERSONAL CARE PLAN
Of North Carolina

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Physician Advertising

Eugene W. Linfors, M.D., editor

• *The question for July is: Should doctors advertise their services to the public? If so, what are some appropriate techniques? Are there any advertising techniques which are inappropriate?*

From Mr. John A. Braun, administrative director of an urgent care center in Chapel Hill.

I think it is probably appropriate to delineate between an institution doing advertising and individual physicians advertising their services. The most direct answer to your question is "yes." I do believe that physicians should advertise their services to the public; however, this deserves some discussion in the spirit of preserving the "professionalism" of medical practice.

I believe that the public has the need, if not the right to know what professional services are available for them. Advertising takes on many forms and can be quite simple or quite exaggerated. A simple listing in the telephone directory generally informs the public that a physician is in practice and the type of practice that he or she offers. This form of advertising is helpful only when the public is actively seeking a physician.

Advertising through the other forms of media such as radio, television, or newspaper ads takes advertising one step further and presents an image to the public that generally goes beyond the basic service being offered and is an attempt on the part of the entity, whether it is an individual or an organization, to present the public with some of the "features" of the practice. I believe that the techniques of radio, television, newspaper, or billboard advertising are appropriate with some limitation. It is rhetorical to state that these must be in good taste and certainly they must not be misleading.

I generally tend to agree with the position taken by the American Medical Association that advertising of fees or patient testimonials is totally unacceptable.

This is relatively hot topic, not only in the medical profession, but in the legal and other professions as well. I do believe that some regulation is necessary, again, to help preserve the professionalism in medicine. However, I can foresee that the next five to ten years will demonstrate revolutionary changes in the way in which medical practices do, in fact, advertise their services.

From Dr. Ronald R. Easley, an internist in Durham.

The practice of medicine outside of governmental institutions is basically a commercial endeavor. The commodity ranges from service to ideas and opinions considered useful and valuable. The commerce of medicine has traditionally failed to measure and adjust to consumer satisfaction. Consequently, we now have a growing health industry that aligns itself with the consumers of health care. The medical practitioner must now compete as the smaller component of this growing industry.

The medical profession is coming under the same market forces which regulate other areas of commerce. Advertising of medical practices is likely to become an essential part of competing in the health industry. Advertising requires a serious look at the product being offered. The present consumer dissatisfaction with health care delivery suggests this is long overdue.

From Mr. Bernard R. Kingsley, director of marketing at a hospital in Durham.

Yes, doctors should advertise! Consumers have become more discriminating in their selection of health care services. Newcomers to the area often have no rational way of choosing a provider. Good ads can facilitate a good match between services offered and needed. A byproduct is that physicians become more oriented towards the needs and wants of their patients.

Some ad techniques are inappropriate! Medical care is a high quality, professional service. Advertisements which dilute that image hurt everyone. Practices such as disparaging other physicians, issuing coupons and advertising in journals which feature content objectionable to part of the population should be avoided.

Appropriate techniques center on consumer-oriented issues. Specialty interests of the physician, reduced waiting time, affiliations with hospitals, convenient office hours and other issues which help consumers choose wisely are appropriate.

From Dr. Wayne K. Ruth, a pulmonary disease specialist in Burlington.

In response to your questions regarding physician advertising, I would first state that there is no simple answer. From a solo practitioner's point of view, there are changes in medicine resulting in pressures that have not been previously appreciated. There is significantly increasing market pressure from large groups, health maintenance organizations, PPOs and other branches of organized medicine. These have no compunction against advertising aggressively and competing with solo practitioners and small groups for their patients. Therefore, there exists a need to inform the public of the options available to them, specifically in contrast to these large, faceless groups of physicians.

There are, however, arguments against responding to these pressures in like kind. I feel that some types of advertising can certainly compromise the integrity of this aged and respected profession. Unfortunately, advertising seems to make its appeal to the baser instincts without recognition that quality often costs more. It is very difficult to define true superiority, despite what the emotional appeals of typical advertising techniques would lead you to believe.

As a result, I think any approach to advertising, particularly as sanctioned by professional groups, should be carefully considered. I think that any advertising should be tasteful and relatively simple, usually in a printed form. I feel that television and radio do not provide a sufficiently dignified medium for such appeals. I would also urge our profession to avoid potentially misleading promotions such as the current effort being produced by Blue Cross/Blue Shield, the "CostWise" program. In addition, we very distinctly need to avoid making negative comments about other physicians or other modes of care delivery in whatever advertising we provide.

Clearly our practices and the world in which we practice are changing. We need to be responsive to these pressures. We must not compromise our profession and its longstanding integrity by bowing to the crass standards of the advertising world.

From Dr. W. V. Singletary, an internist in Durham.

Traditionally physicians have not "advertised," and I feel that there is merit in using the older, more traditional methods of dissemination of knowledge of a physician's availability, such as attendance at medical society meetings, attending church, hospital meetings, belonging to civic clubs, announcements to physicians, etc. I think announcement in newspapers when a physician begins or alters his practice is appropriate, but continued advertisement would be inappropriate. There have been inappropriate ads in the news media implying better medical care from HMOs. I feel that Blue Cross/Blue Shield should not in its ads imply better medical care through their "CostWise" program and to offer to name physicians in their programs.

Did you see the recent ad in the *Durham Morning Herald* by many area pharmacies about how the Kaiser plan is restricting prescription refills? I thought their ad was very appropriate. Physicians through the North Carolina Medical Society and AMA should rebut some of the borderline ethical ads of various organizations.

From Dr. Charles F. Sydnor, an ophthalmologist in Burlington.

I think it is appropriate for physicians to advertise in a tasteful and ethical manner. All of us give talks to civic and business groups as well as allied health continuing education programs. These activities certainly can be construed as an attempt to "advertise" your services. Furthermore, announcements in the local newspaper concerning the addition of partners or various services is certainly an appropriate form of communication.

Usually when such a question is asked about advertising, we think of gaudy newspaper ads, radio commercials and television advertising. I am personally opposed to these forms of advertising, because they are demeaning to the medical profession. Nevertheless, Ophthalmology has certainly seen a large amount of such advertising and I am sure it has been partially effective. This puts other physicians in the awkward position of having to respond in kind. The Federal Trade Commission has lowered all barriers to professional advertising, and I am sure that we will see a great deal more of it in the future.

In short, spreading the word about who you are and what you do is most appropriate. Puffery in the form of radio and television advertising is most distasteful, but probably inevitable.

From Dr. Glenn Withrow, a family practitioner in Chapel Hill

We are supportive of doctors advertising as long as it meets the ethical guidelines of the American Medical Association.

- *This issue really seems to hit people differently. I've heard friends and colleagues argue heatedly about whether or not it's appropriate for physicians or clinics to advertise at all. At the same time I receive mail inviting me to seminars in the latest marketing techniques for physicians. It will be very interesting to watch our attitudes over the next several years as competition increases.*

The Training of Postdoctoral Fellows for Research

John B. Graham, M.D.

MAX Weber (1864-1920), the father of sociology, pointed out many years ago that every plan has a theoretical basis. This consists of a specific set of beliefs and assumptions, implicit and explicit, which are not always recognized by those who are doing the planning. Taken together they constitute a philosophy. It has been an interesting exercise to try to articulate my philosophy of postdoctoral research training. I must emphasize that what I shall say is what I believe today. These views did not just spring from my mind fully blown — like Minerva from the brow of Zeus — but were slowly developed over a period of several decades by trial and error. It will be obvious that they are idiosyncratic and that others may strongly disagree.[1]

I believe that a postdoctoral training program for research should prepare its fellows for long-term careers. It should be future-oriented, and its primary goal should be development of trained manpower rather than production of additional research findings. An ideal program should attempt to teach its fellows how to be successful researchers by example. This means that they should have regular and prolonged contact with mentors who are themselves successful. A so-called "research university" with its superb facilities and staff is uniquely fitted for this task.

Today almost all candidates for this type of training in the biomedical field already have the Ph.D. degree, obtained either directly or as part of an M.D./Ph.D. program. Thus they possess a synoptic view of biological science acquired through course-work prior to becoming fellows. This is what passage of the comprehensive examination leading to the Ph.D. assures. The acquisition of the Ph.D. degree also implies that an acceptable piece of original research has already been carried out and published. At the time of entry, therefore, a postdoctoral fellow is scientifically literate, ready to acquire additional techniques, and eager to learn how to become a competent producer of new knowledge.[2]

I believe that training for research should be based on the "master:apprentice" model. History has shown that close and continuing interaction with a successful older researcher is the best way to assure that a postdoctoral fellow will acquire the necessary skills. Gimmicks and quick fixes, such as a series of "how to" short courses, are ineffective, because what the fellow really needs to learn is how to work hard and continuously. Acquiring this habit is an absolute requirement for long-term success.

From the Department of Pathology, The University of North Carolina, Chapel Hill 27514.

The developing fellow should also be exposed to the facts of the real (grants) world by being allowed to see how it works at first hand. He should participate to some extent in the decisions and processes of obtaining the funds that support him. A good learning exercise is to have him prepare and submit a small grant of his own. It is particularly stimulating if his stipend depends in some measure on the outcome of his own fund-raising efforts. This is, after all, what life will be like when he finally becomes independent.

It is most important that the fellow devote most of his energies to his research. The postdoctoral period is the period par excellence for doing and publishing research. It is the last time that the scientist is ever completely free from the diversions of teaching and/or administration. The fellow must try his wings to find out how good he is. (He may discover that he is not very good and should change his career goals.) It is important that his "master" guide him carefully, but the fellow should also be induced to take risks. The quickest way to mature a fellow is to give him the responsibility of making decisions and of learning how to live with their consequences.

The optimal academic milieu for training is one in which there is intense and successful research activity. A fellow should maintain contact with similarly motivated peers and have the opportunity to stretch his intellectual horizons. The time-tested methods for horizon-stretching are available in all good universities. These include: a) good libraries, b) frequent good seminars, c) personal interaction with scientists of distinction, especially visitors, d) attendance at appropriate national meetings and e) opportunities to acquire new techniques at workshops and by short visits to other laboratories, at home and elsewhere.

It would be correct to infer from the above that I believe postdoctoral fellows should spend essentially full-time on their research. The standard period of training probably should be about three years. Of course, no two trainees are exactly alike; some will require more and some less than three years of apprenticeship. It has been our experience, however, that after three years the best trainees feel the need for independence and want to move to other positions. The success of a "trainer" is measured initially by the types of positions his trainees move into. His long-term success is measured by the quality and quantity of the new knowledge produced by his trainees.

As mentioned earlier, the main goal of postdoctoral training is production of scientists capable over the long run of choosing and successfully pursuing their own re-

search projects. The main burden of this training falls on their mentors, of course, but there is a dimension that is broader than the development of personal excellence. This is the ability to be able to see where one's work fits into a larger pattern. This is accomplished at Chapel Hill in the areas in which I work through "umbrella grants" which involve many research groups. Not only is long-range planning necessary for managing these projects, but continuing interaction between investigators is also needed throughout the grant cycle if they are to succeed.

The Special Center of Research in Thrombosis at Chapel Hill has a formal procedure for assuring the interaction of its faculty and fellows. On-going research is presented and discussed at fortnightly luncheon meetings. Each laboratory reports its findings in rotation, which means that an update of each project occurs about four times a year. The presentations are usually made by the fellows as a matter of training and discipline, but this is only natural since much of the work has been done with their own hands.

The Program Project in Hemostasis, for which I am responsible, follows a somewhat different pattern. Since it is the largest grant in a division of a basic science department, it is linked to the university calendar and functions on the basis of semesters. In general, the seminars of the fall semester are utilized for visitors, while each laboratory (SCOR, PPG, and independent) is invited to give an annual report of its research activities during the spring semester. All the faculty, graduate students, and fellows are invited to attend all the meetings of both groups. It is hoped that these sessions, and the intellectual encounters they engender, act to integrate what is occurring in this field of science. It is a great advantage of Chapel Hill that all the workers of all the laboratories are within five minutes walking distance of each other.

The basic qualification for a postdoctoral fellowship in a research training program is the possession of an M.D. or Ph.D. degree. We have been prepared to consider candidates with a doctorate in dental surgery or veterinary medicine, but there have been no applicants. A second condition is the availability of a funded slot, since these men and women are now in their late twenties and require at least a modicum of the world's goods. If both conditions pertain and written recommendations are satisfactory, a candidate is invited for interviews. If the interviews are satisfactory, an attempt is made to match the candidate with one of our trainers. If trainer and trainee can reach agreement, an offer is tendered. Sometimes a candidate must interview several trainers before a satisfactory match is made. Most candidates usually know in advance, however, whom they want to work with. A basic principle I have followed is to move heaven and earth to find a spot for an exceptionally talented trainee.

Although we have advertised in *Science, Nature* and other journals that we are an "Affirmative Action" program and welcome applications from candidates of all "minority" races, we almost never receive one. Our greatest success in recruiting has been with trainees referred by friends in other laboratories, and by monitoring the flow of personnel through the universities and laboratories of the Research Triangle area. We happen to be located in one of the most rapidly growing scientific areas in the USA, and excellent candidates appear frequently, but we have encountered almost no candidates of "minority" races other than the Oriental.

The choice of a research project is determined to a very large extent by what a trainee's mentor is funded to do. Someone must pay for the expensive supplies a fellow requires, and a $10,000/yr supply budget is barely adequate for a hard-working trainee in molecular biology. Thus the postdoctoral fellow must work, albeit independently, on some aspect of his mentor's funded project.

I believe that the system of "bonding" each trainee to a single preceptor is the correct way to train at this level, although it is sometimes reminiscent of slavery practices in the Old South. Fortunately, mentors can usually be changed if there is severe personal incompatibility. Evaluating and monitoring the performance of a postdoctoral trainee is simplicity itself. A director simply determines how productive a trainee has been of ideas and good research data. There is no real future in research for the lazy, however bright they may be. It is literally "publish or perish" these days.

A director of research training who claims not to have had problems with his trainees is probably a congenital liar. There are many problems, the commonest of which is finding the funds to pay stipends. I have also had a trainee who attempted suicide, and several who have had disabling depressions. Others have made obscene telephone calls, were arrested for "flashing," or suffered from broken marriages. It is clear that the intellectually gifted are not exempt from the problems of the human condition.

But the worst headaches are the conflicts between trainee and preceptor which occur at two points in the training cycle. Those that occur early are usually due to poor handling by the mentor, usually an overly authoritarian attitude. The solution is to find a new mentor. Others occur in the 3rd year of training when the fellow begins to believe — often correctly — that he is better than his preceptor. The best solution I have found is to apply soothing emollients, while working frantically behind the scenes to find a suitable job for the trainee elsewhere. Since the mentor usually has tenure, the only other solutions are a sabbatical leave for him or a long trip to an International Congress, preferably by sea.

An alternative solution that has been suggested is a spectacular public suicide by the Director, such as by defenestration or immolation. An experienced old hand should be allowed to opine, however, that the conflict would probably be resumed at full fury once the initial shock had worn off.

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1. Dr. Graham is Alumni Distinguished Professor of Pathology at the University of North Carolina. He was for 23 years the director of graduate and postdoctoral training in genetics at Chapel Hill and oversaw the activities of more than 100 graduate students and 30 postdoctoral fellows. He was also for 11 years a member or chairman of the NIH's committees on genetics training. He has been director of a postdoctoral research training program in hematology since 1977.

2. If a candidate of high quality applies who has significant educational deficits, he should be accepted and his first year(s) devoted to acquiring the requisite knowledge through course-work or by other means. This might well be the course followed by an M.D., physicist, or mathematician who has decided to become a fully fledged biological scientist. It is easy to arrange a program for such a fellow in a comprehensive research university such as the University of North Carolina.

Presidential Remarks

I. INCOMING: Pamela Sacco

"THE great thing in this world is not so much where we stand, as in what direction we are going." These words by Oliver Wendell Holmes remind us that life is stagnant and dull unless we seek new knowledge and information. It is my hope that each County Medical Auxiliary will take a look at its present direction and DISCOVER NEW DIMENSIONS during 1986-87. We are truly able to become multi-dimensional, for there is no limit to what can be accomplished.

Let me explore five new dimensions for you, your county medical auxiliary and your community: First, symbolized by the dimension of height, is Information. Second, symbolized by width, is Collaboration. Third, the dimension of depth, is Planning. Fourth, the dimension of space-time relationships, is Size. The fifth dimension, beyond the spacio-temporal, is going beyond the present perception of your capabilities.

The first dimension, then, is educating ourselves by being informed about the current issues. North Carolina physicians face dramatic changes in their profession. They are very uptight about the changes taking place: too many physicians being produced; too many prepaid systems that are perceived as threats to the quality of medicine; being asked to accept fees for services which do not meet the costs of delivering these services; losing their close relationship with patients; the ever-increasing limits of government programs and private health insurance. Every new form of practice appears to be a threat and our physicians are beginning to worry about everything BUT patient care. Our medical society President-Elect, Dr. John Foust, says: "The thing that hurts doctors, the thing that has contributed to the slow erosion of their image with the public, is that they always want things to stay status quo."

We can be the first-line of support for our marriage partners by helping them respond positively to these changes, IF we become educated and informed. We can also be in a position to support our Medical Society and help insure that the good in, and the quality of, our present system is preserved. A caution: do not be intimated by the jargon and phrases you hear tossed about; once involved it will become second nature to you.

The second dimension, collaboration, is the movement toward building a good relationship with your county medical society. This may require the correct timing, and there may be a lot of apprehensions, but I think you will agree that physicians and their spouses are the most natural of allies in working for the causes of organized medicine. In order to accomplish more, we need to team-up in joint efforts. Our rewards will be the furtherance of our mutual goal: the need to inform the citizens of our local communities that physicians' families care about the people who live there. One of the best ways we can do this is by creating opportunities to involve physicians in local health education and health issues. The basis of most of our projects is health, and this IS the expertise of the MD.

The third I would call the dimension of sound research and planning before undertaking programs or projects. A project should begin with a survey or analysis of the available resources, both people-wise and money-wise. Until this is accomplished, the scope of the activity cannot be determined and the mission cannot be defined. You may discover that you do not have the budget, or that you will have to form a coalition with another organization to add to your manpower. This third dimension must also be used to determine if your project will be ongoing and continue in future years. Ask in advance, "Who will maintain these efforts?" If your auxiliary cannot, who will? This is the dimension of good long-range planning.

The fourth is the dimension of increasing our size. It is sometimes difficult to convince people that they should belong to and participate in an auxiliary. Then too, there is the very real problem of pressures from so many different directions which make it difficult to find time for volunteer work. Add to this the stresses inherent in the medical family, especially as we find ourselves acting as caregivers to parents and grandparents, just as our careers and desire to be recognized for ourselves as individuals emerge. All of this deserves our daily concern too, and yet are not some of these the same topics that the medical auxiliary is addressing?

The fifth dimension is the dimension of discovering your own personal capabilities, going beyond your present perception of yourself. It is sometimes difficult to convince people of their own ability, that they have what it takes. Or that they should not be satisfied with what they are, but instead aspire to new ventures, to opportunities to make a personal statement, as well as a major contribution to society. Through volunteering in the auxiliary, we can try out different career fields, and gain or increase managerial and leadership experience. I am an example of that. And this can later be translated into paid employment or future job contacts. What better way to do this than through medical auxiliary?

Tempus fugit: Time flies, faster than Darlene Young thought it would. But then, she gave us her ever-reliable wings to get us where we are today. We are now ready to chart our course for the discovery of new frontiers. Let us all strive to be more than one-dimensional in 1986-87. Let us make the following resolutions for an effective year by calling on words of Gertrude Harris:

From Box 1086, Hendersonville 28793.

"We pray that we shall never be so blind
That our small world is all the world to see
Or so supremely satisfied that all we are
Is all we feel we want to be.
God grant us the joy of filling someone's need.
Make us gracious followers if we were not meant to lead,
And more than all,
We pray on through the years,
We will remember there are always new frontiers."

I hope your voyage this year will be beyond space and time, and take you to the farthest sphere of your auxiliary's orbit.

II. OUTGOING: Darlene Young

I am very pleased to report to you this morning that your auxiliary is alive and well and accomplishing amazing things across North Carolina. We serve as your public relations voice and as your advocate, and I can assure you that no other person or group takes your welfare so much to heart. We believe in what you are doing — providing health care of the highest quality to those who need it — and we are determined that a society that seems bent on reducing everything to the common denominator of the business ethic, will not lose sight of the physician's higher calling.

The professional liability crisis has been a major focus of the Medical Society this year. We have been your partner in the endeavor to educate both the medical community and the lay public about this issue and the concurrent need for meaningful reforms. With funding provided by Medical Mutual Insurance Company, the auxiliary published a booklet entitled "Understanding Medical Liability Claims: A Guide For Physicians and Spouses." This booklet has been distributed to all physicians in the state. I and two other auxilians serve on the Medical Society's Medical Liability Steering Committee, and we have been striving, through letters and published articles, to keep our members informed regarding the campaign to effect needed tort reform. The auxiliary portion of Midwinter Conference was devoted to education about all aspects of the problems associated with professional liability, and we are committed to working together with the medical society in the search for solutions to those problems.

Your local auxiliaries gave fifty-six health-related scholarships worth over $24,000.00, and contributed almost $12,000.00 in loans this year. $12,500.00 from the state student loan fund provided nine loans to medical students. As medical education costs continue to rise, the auxiliary is working to meet the need for increased funding sources. In order to increase our funding base, the North Carolina Medical Society Auxiliary Health Education Foundation was formed. This is a central charitable organization to which tax deductible gifts may be made. Our goal is to obtain large sums of money for the student loan fund, the mental health fund, the scholarship fund, and special educational services and programs. At present, the total of both general and restricted funds in the foundation comes to over $190,000.00, but we intend for this amount to become much, much larger. An additional bonus from the formation of our foundation was its ability to serve as an umbrella organization for our county auxiliaries and provide them with tax-exempt status for their local fundraising. To date, twenty-one local auxiliaries have applied for, and received, local foundation status as part of the state foundation.

As part of our effort to increase medical education funding, we raised a record amount for the American Medical Association Education and Research Foundation. Shortly, I will have the pleasure of presenting checks totaling almost $53,000.00 to representatives of our four medical schools. Each school will receive two checks — one from the unrestricted fund and one designated for student assistance.

The auxiliary has continued to be deeply involved with health-related issues in our local communities. We were educated about the problems related to day care in North Carolina, and were successful in our efforts to influence the passage of stricter regulatory legislation. Teen substance abuse was the focus of several major community-wide programs, and demand for the state auxiliary's pamphlet, "Parties and Teens: A Practical Guide for Parents," was so great that we are going into our third printing. Day care for the elderly, latchkey children, adolescent pregnancy prevention, and continuing programs on child abuse are just a few of the areas that received auxiliary attention across our state. In addition to time and talents, your local auxiliaries contributed more than $94,000.00 to projects in their communities.

There is much more that I could report, but time is short. A year ago, I challenged our members to spread their wings and fly! I believe that you will agree that the auxiliary has soared to greater heights than anyone could have predicted, and as we look to the future, remember that for us the sky is the limit.

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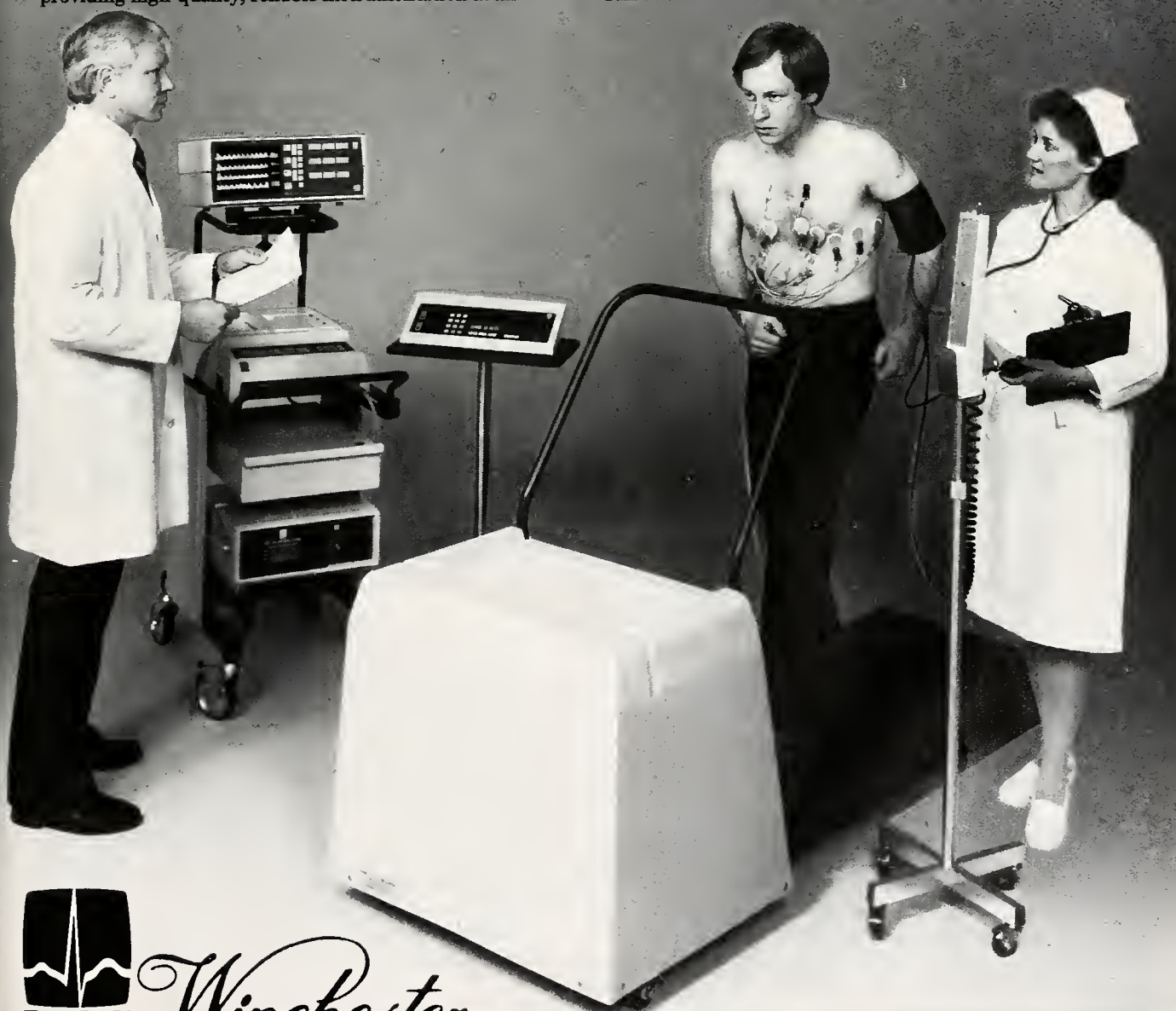
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Letters to the Editor

Some Correspondence about BC/BS's CostWise Program

To the Editor:

I cannot help but express my disapproval of publishing advertisements in the *North Carolina Medical Journal* regarding the Blue Cross/Blue Shield "CostWise" program. I am sure that you have noticed the advertisements directed toward potential customers published in the lay press. The advertisements for this program in our journal more or less push the same idea, that if a doctor is not "Costwise," he is not practicing medicine in a cost effective manner and that his charges for patients may not be as fair to doctor and patient as the allowances worked out by Blue Cross/Blue Shield.

There is a sentiment across the state that the Blue Cross/Blue Shield programs have become essentially adversarial to practicing physicians in this state and I believe that by declining to publish their advertisements, our medical society publication would recognize and effectively express objection to the present marketing posture of the Blue Cross/Blue Shield program.

William L. Pritchard, M.D.
2711 Randolph Road
Charlotte 28207

To Jack Hughes, M.D.

I am writing you in your capacity as member of the Editorial Board of the *North Carolina Medical Journal*. I understand the need for advertisement to allow us to have a *Journal*. However, I do object to the inclusion of the North Carolina Blue Cross/Blue Shield CostWise advertisement. The CostWise program has been totally adversarial to physicians in the state. I think that it is offensive to allow them to advertise this product line in our *Journal*. Certainly other areas that they wish to advertise would be reasonable, but this one is not acceptable.

William A. Nebel, M.D.
P.O. Box 3317
Chapel Hill 27514

To Thomas A. Rose, BC/BS's President

The purpose of this letter is to register our most strenuous objection to the apparent thrust of Blue Cross/Blue Shield's promotion of the "CostWise" program.

The North Carolina Medical Society has received numerous complaints from members regarding advertising of the program. To many, the campaign creates the false impression that physicians who do not participate in "CostWise" are insensitive to cost effectiveness. Further, others report that patients mistakenly believe they cannot be reimbursed at all if they seek treatment from non-participating physicians. The Claims Activity Summary sent to your subscribers who are treated by a non-participating physician urges them to consult a "list of costwise doctors . . . who accept the UCR allowance." In this context, the word "costwise" incorrectly describes a physician rather than a program, a regrettable deception of your subscribers.

You and I know that North Carolina physicians, participating or non-participating, are addressing the issue of cost while guarding against any encroachment on patients' rights to first-class care. To imply otherwise is grossly misleading and totally unfair, and your ads and other aspects of your campaign do exactly that.

To be sure, the decision to participate in "CostWise" is an individual one. But I am sure you will agree that there are numerous reasons physicians may not choose to participate. One might be a fear that the physician-patient relationship is invaded by a third party setting reimbursement levels for services rendered, with the ironical prospect that this schedule may actually increase charges. Another might be that participating physicians would be tied to an inflexible "cost of living" regimen prescribed by Blue Cross/Blue Shield, forcing them to absorb all of their ever-increasing practice costs, including liability insurance premiums. Our members have advanced a number of other reasons for not signing up, but we have yet to hear any that relate to a lack of concern about holding down health care costs.

I have discussed this matter with Drs. James Davis and Ernest Spangler, physician trustees of your Board. Both believe the issue warrants full discussion by your Board at the earliest practicable date, and they will communicate with you in this regard.

This is a most urgent problem, and we fully expect Blue Cross/Blue Shield to address it with its usual thoroughness and dispatch. We would welcome immediate discussions with you and your representatives if that would be helpful. Our physicians look forward to prompt corrective measures.

Kenneth E. Cosgrove, M.D.
President, North Carolina Medical Society
510 7th Avenue, W
Hendersonville 28739

Mr. Rose's Reply to Dr. Cosgrove

This is in reply to your letter of March 18 regarding your concerns over the promotion of the CostWise program.

Prior to receipt of your letter, the initial CostWise advertising campaign had been concluded with the exception of an ad that is scheduled to appear soon in the Journal of the North Carolina Medical Society. At this time we have no plans for further media advertising of the CostWise program.

Also prior to receipt of your letter, we had decided that if we determined in the future that further CostWise media advertising was required, that the current television ads would not be used and recent print ads would be reviewed thoroughly by top management before being used.

In regard to the Claims Activity Summary, top management will also review the CostWise message from the

standpoint of deception and revise it accordingly if necessary.

If in light of the above information you feel any further discussions are necessary concerning this matter at this time, please contact me.

Thomas A. Rose
P.O. Box 2291
Durham 27702

A Poem

To the Editor:

Hear ye, hear ye
Hear my lamentation
There's too little time for doctoring
And too much documentation.

John Fitzgerald, M.D.
626 Clark Drive
Lincolnton 28092

A Fine Article

To the Editor:

The special article, "The Impact of Changes in Health Care Finance on Critical Care" by Yaggy and Ellenbogen (NCMJ 1986;47:169-74), was an outstanding article which really dealt more with the overall changes that are occurring in medicine at the present than with critical care. However, that is no weakness of the article since the influence on critical care is well-covered, but the rest of the article is most informative.

Eben Alexander, Jr., M.D.
Bowman Gray School of Medicine
Winston-Salem 27103

Sticks and Stones

To the Editor:

In the recent article, "Stoned Again" in the Features for Patients section (NCMJ 1986;47:196-8), the author leaves the hospital to return home to pass her stone. She indicates that "they prescribe an anti-emetic to take along with the demerol when the pain returns and they suggest lots of fluid — beer is the operative word." Perhaps this was meant in jest as the author attempts to inject some humor into a very uncomfortable medical problem, but I would hope that we are not advocating the simultaneous use of narcotic analgesics and alcohol as the article suggests. The consequences of ingesting large quantities of beer, light or otherwise, in combination with a narcotic or for that matter almost any other drug could be extremely unfortunate.

John D. Butts, M.D.
Associate Chief Medical Examiner
Chapel Hill 27514

The Author Responds

Dr. Butts is quite correct. The editor failed to step in where the writer left off. My apologies.

A Positive Note about Physicians

To the Editor:

In these days of acrimonious discussion concerning medical care cost containment, increasing tort liability, and accusations of professional acquisitiveness, I thought it might be refreshing to pass on a positive note to your readers concerning physicians. As the Medical Director for Burlington Industries, I often am distressed to have to witness the effects on a community when a textile plant is closed. We recently announced the closing of our plant in Sherman, Texas, which was to take effect at the end of April 1986. The plant manager was pleasantly surprised to receive a letter stating, "In recognition of Burlington employees' (community) participation and now unfortunate set of circumstances, the following physicians wish to offer their assistance during this transition."

There followed a set of specifications which these physicians were willing to offer these employees, the most prominent of which was that discharged employees and their dependents would be offered medical and surgical care at 1/2 price or their insurance benefits, whichever was greater. There were additional helpful embellishments but the general tone was one of a wish to offer positive assistance. The note closed by saying: "We are not trying to establish a free clinic but would like to assist Burlington employees during this difficult period." The note was signed by 19 practicing physicians from the community of Sherman representing a full spectrum of medical specialties.

This spontaneous expression of compassion and generosity on the part of this group of community physicians was so impressive to us that we wished to share it with you and the other physicians in the state. It seems that there are still physicians imbued with the compassion and nobility of character to which Robert Lewis Stevenson alluded many years ago. We are pleased to have the opportunity to work in the same communities with such physicians and wish to acknowledge their generosity and thoughtfulness.

Donald M. Hayes, M.D.
Burlington Industries
Box 21207
Greensboro 27420

How I Quit Cigarettes without Even Trying

I broke my fifty-year habit of smoking more than five years ago, unconsciously and without difficulty. I acquired the habit of belly-breathing and the habit of smoking vanished. Sounds funny? Here's what happened.

In 1975 I discovered I had the initial symptoms of emphysema. The lung specialist told me I would have to stop smoking and learn to breathe properly. I had tried to quit several times. . . . I couldn't. . . . Not enough guts, I'd thought.

A respiratory therapist gave me several lessons in breathing. She called it abdominal breathing. Being a devotee of Erma Bombeck, I soon began to call it belly-breathing.

My therapist had me stand. She placed her hand on my stomach. Then she told me to extend my abdomen. I did.

This caused my diaphragm to fall and I could feel air coming into my lungs to fill the empty space. Next she told me to relax my abdomen. This caused my diaphragm to rise and I could feel air going out of my lungs. She said "Do not suck or pull in air and do not push it out. Atmospheric pressure does the job."

Whenever I was not concentrating on something else, I belly-breathed. I learned to belly-breathe while sitting, standing, walking or kneeling. I began to belly-breathe when going to sleep at night and upon waking up in the morning, while shaving, reading or writing, while waiting in court for the judge to rule on my motion, for the traffic lights to change, for cards to be dealt in gin rummy and pieces to be moved in chess.

Miraculous to relate, I discovered that I had quit cigarettes! *I was even programed to belly-breathe when I had the impulse to smoke.*

Another serendipitous result happened: When I wake up at night, belly-breathing almost always causes me to drift back to sleep.

Incidentally, my stomach became flatter.

You use your guts to belly-breathe not to stop smoking. Let me know how you make out.

Roberts R. Appel
3912 Gillette Drive
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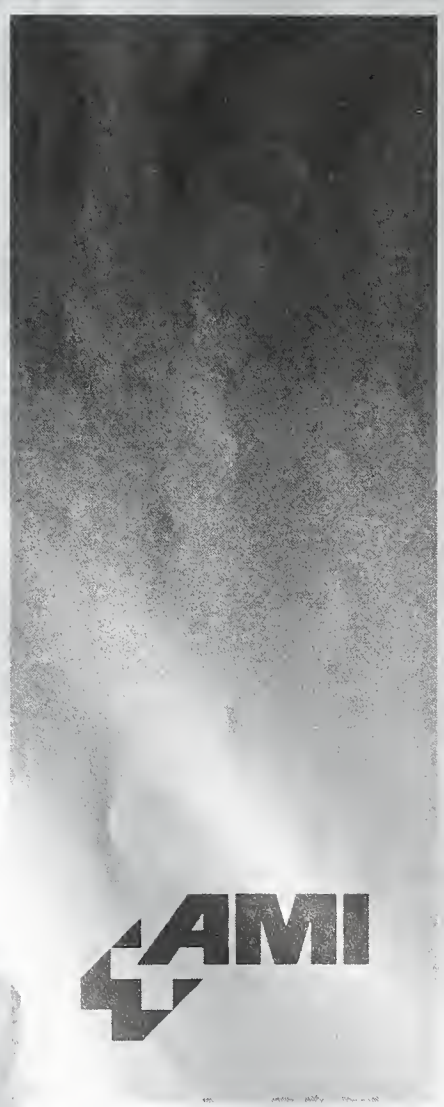
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Bulletin Board

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Roy William Graves (EM), Dept. of Emergency Med., ECU School of Medicine, Greenville 27834

James Reuben Blackburn Nashold (STUDENT), 210 N. Eastern St., Greenville 27834

Verna Gail Ray (EM), Dept. of Emergency Med., ECU School of Medicine, Greenville 27834

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Joyce Dunston Mills (PTH), Union Memorial Hospital, Pathology Department, Monroe 28110

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IN STATE

July 16

Cost of Medical Care
Place: Sanford
Info: Robert S. Cline, M.D., Central Carolina Hospital, 1135 Carthage Street, Sanford 27330. 919/774-6518

July 28-August 1

9th Annual Radiology Postgraduate Course
Place: Atlantic Beach
Credit: 18 hours Category 1 AMA
Fee: $350
Info: Cynthia C. Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

August 8-10

Family Physicians Weekend
Place: Wrightsville Beach
Credit: 6 hours
Info: Mary Anna Hendley, NC Academy of Family Physicians, Box 20146, Raleigh 27619. 919/781-6467

August 14-15

Annual Highland Hospital/Duke Psychiatry Conference
Place: Asheville
Credit: 11 hours Category 1 AMA
Info: Cynthia C. Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

August 20

Psychiatry and the Acute Care Hospital
Place: Sanford
Info: Robert S. Cline, M.D., Central Carolina Hospital, 1135 Carthage Street, Sanford 27330. 919/774-6518

September 10

Eighth Annual Health Law Forum
Place: Greenville
Fee: $125
Credit: 8 hours Category 1 AMA
Info: Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

September 10-12

14th Annual Meeting, North Carolina Association of Blood Bankers
Place: Greensboro
Info: Margaret McMinn, 601 N. Elm Street, High Point 27261. 919/884-6016

September 12

Allocation of Health Care for Children
Place: Greenville
Info: Loretta Kopelman or John Moskop, 919/757-2797

September 17

Nuclear Hazards and Medical Care
Place: Sanford
Info: Robert S. Cline, M.D., Central Carolina Hospital, 1135 Carthage Street, Sanford 27330. 919/774-6518

September 21-24

Basic Clinical Teaching Skills
Place: Rougemont
Info: Cynthia C. Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

September 26-27

Advanced Cardiac Life Support Provider Course
Place: Asheville
Credit: 16 hours Category 1 AMA, AAFP
Fee: $200
Info: Daniel L. Dolan, M.D., MAHEC, 501 Biltmore Avenue, Asheville 28801-4686. 704/258-0881

October 6-10

Microsurgery Workshop
Place: Durham
Credit: 40 hours Category 1 AMA
Info: Cynthia C. Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

OUT OF STATE

July 16-20

Seminar on Preventive Medicine: Nutrition
Place: Hilton Head Island, SC
Credit: 12 hours Category 1 AMA
Info: Harold D. Schutte, 53 S. French Broad, Asheville 28801. 704/258-0969

July 29-30

Advanced Neurosonology Seminar
Place: Snowmass, CO
Info: Frederick Kremkau, M.D., Bowman Gray School of Medicine, Winston-Salem 27103. 919/748-4505

July 31-August 2

Advanced Applied Ultrasound in Obstetrics
Place: Snowmass, CO
Info: Frederick Kremkau, M.D., Bowman Gray School of Medicine, Winston-Salem 27103. 919/748-4505

September 5-6

Cardiology for the Primary Care Physician
Place: Nashville, TN
Credit: 11.75 hours Category 1 AMA
Fee: $165
Info: Ann Booten 800/251-8200

September 11-13

Doppler Echocardiography Seminar
Place: Tarpon Springs, FL
Credit: 14 hours Category 1 AMA
Fee: $350
Info: Frederick Kremkau, M.D., Bowman Gray School of Medicine, Winston-Salem 27103. 919/748-4505

October 17

Selected Topics in Pediatrics
Place: Norfolk, VA
Info: Jean E. Shelton, M.D., 800 West Olney Road, Norfolk, VA 23507. 804/628-7179

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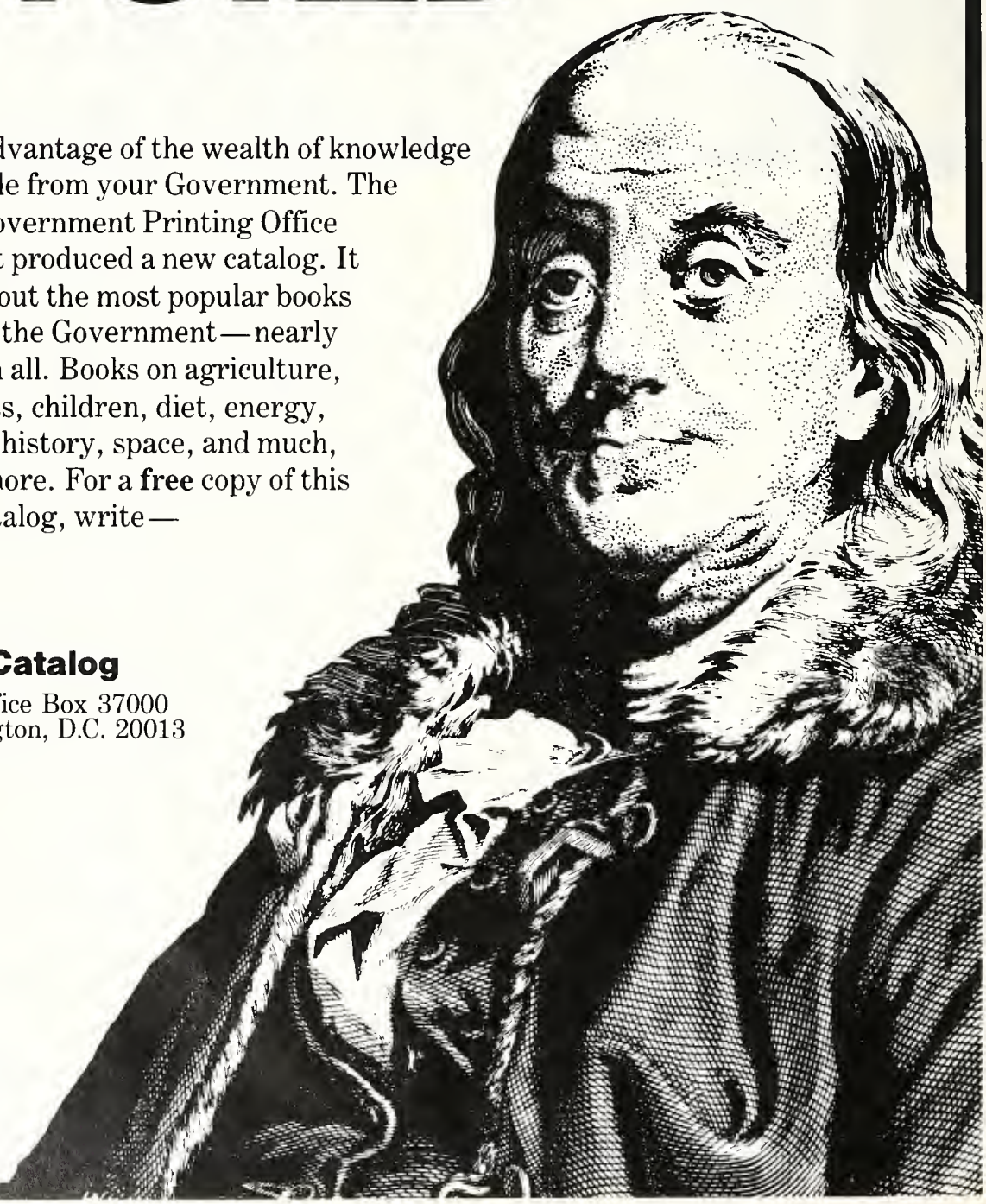
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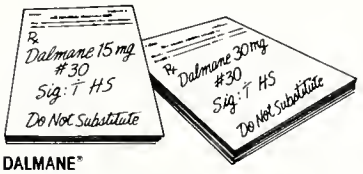
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Committee and Commission Appointments 1986-1987

NOTE: The committees listed herein have been authorized by President John W. Foust, M.D., and/or as required under the Constitution and Bylaws and the Procedure and Policy Manual. Particular note should be taken of the authorization of the HOUSE OF DELEGATES of a commission form of organization activity and that all committees, excepting MEDIATION COMMITTEE, NOMINATING COMMITTEE, COUNCIL ON REVIEW & DEVELOPMENT, COORDINATING COUNCIL OF SPECIALTY SOCIETIES, are segregated under the respective commission in which the function of the committee logically rests. This will tend to eliminate overlapping and duplication in activity programs and result in coordination of the work of the Society in a manner to lessen the work of the Delegates during the Annual Meeting of the HOUSE OF DELEGATES.

(Superior figures (e.g. 21) indicate the component county society from which the member emanates, as in the membership list of the ROSTER.)

I. ADMINISTRATION COMMISSION

F. Maxton Mauney, Jr., M.D., **Commissioner** (704-258-1121)
257 McDowell Street, Asheville 28803

Committee Listing

1. **Audit Committee (I-1)** — **No. 3**
   William R. Hudson, M.D., **Chairman** (919-684-3834)
   Duke Medical Center, Durham 27710

2. **Finance Committee (I-2)** — **No. 19**
   Ernest B. Spangler, M.D., **Chairman** (919-855-8972)
   Drawer X-3, Greensboro 27402

3. **Goals & Objectives Committee (I-3)** — **No. 20**
   Jack Hughes, M.D., **Chairman** (919-286-1297)
   923 Broad St., Durham 27705

4. **Membership Committee (I-4)** — **No. 31**
   Hervy B. Kornegay, Sr., M.D., **Chairman** (919-658-4954)
   238 Smith Chapel Rd., Mt. Olive 28365

5. **Membership Services & Benefits Committee (I-5)** — **No. 32**
   T. Reginald Harris, M.D., **Chairman** (704-482-1482)
   808 Schenck St., Shelby 28150

6. **Procedures & Policies Committee (I-6)** — **No. 39**
   Josephine E. Newell, M.D., **Chairman** (919-733-7613)
   Raleigh Towne, Apt. 47, 525 Wade Ave., Raleigh 27605

7. **Professional Insurance Company (I-7)** — **No. 40**
   Julius A. Green, Jr., M.D., **Chairman** (919-787-8221)
   P.O. Box 19366, Raleigh 27609

II. ADVISORY AND STUDY COMMISSION

Lawrence M. Cutchin, M.D., **Commissioner** (919-823-2105)
101 Clinic Dr., Tarboro 27886

Committee Listing

1. **Bioethics Committee (II-1)** — **No. 5**
   Allen J. McBride, M.D., **Chairman** (919-748-2234)
   300 S. Hawthorne Rd., Winston-Salem 27103

2. **Cancer Committee (II-2)** — **No. 6**
   M. Robert Cooper, M.D., **Chairman** (919-748-4300)
   300 S. Hawthorne Rd., Winston-Salem 27103

3. **Cost Management of Medical Care Committee (II-3)** — **No. 13**
   John T. Langley, M.D., **Co-Chairman** (919-522-2020)
   Kinston Clinic, N., Ste. F., Kinston 28501
   Bynum Tudor, **Co-Chairman** (919-773-2388)
   R. J. Reynolds/Nabisco, Inc.,
   P.O. Box 2959, Winston-Salem 27102

4. **Health Care Professionals Liaison Committee (II-4)** — **No. 22**
   John L. McCain, M.D., **Chairman** (919-291-7001)
   Wilson Clinic, Wilson 27893

5. **Traffic Safety Committee (II-5)** — **No. 43**
   George Johnson, Jr., M.D., **Chairman** (919-966-3391)
   UNC, Dept. of Surgery, 229-H, Chapel Hill 27514

III. ANNUAL CONVENTION COMMISSION

Susan S. Gustke, M.D. **Commissioner** (919-733-5431)
4100 Stranaver Place, Raleigh 27612

Committee Listing

1. **Aging Committee (III-1)** — **No. 1**
   Monroe T. Gilmour, M.D., **Chairman** (704-375-0287)
   1300 Baxter St., Ste. 163, Charlotte 28204

2. **Arrangements Committee (III-2)** — **No. 2**
   Edna Hoffman, M.D., **Chairman** (919-485-4755)
   348 Valley Road, Fayetteville 28305

3. **Auxiliary Advisory Committee (III-3)** — **No. 4**
   Hampton Hubbard, M.D., **Chairman** (919-592-7129)
   Woodside Prof. Bldg., Clinton 28328

4. **Constitution & Bylaws Committee (III-4)** — **No. 10**
   Howard E. Strawcutter, M.D., **Chairman** (919-738-7166)
   101 W. 27th St., Lumberton 28358

5. **Credentials Committee (of Delegates to House of Delegates) (III-5)** — **No. 15**
   Charles H. Duckett, M.D., **Chairman** (919-757-4614)
   ECU School of Medicine, Greenville 27834

6. **Medical Education Committee (III-6)** — **No. 29**
   William B. Wood, M.D., **Chairman** (919-962-2118)
   UNC, 231 MacNider Bldg., Chapel Hill 27514

IV. PROFESSIONAL SERVICE COMMISSION

Eugene S. Mayer, M.D., **Commissioner** (919-966-2461)
UNC, Wing C, 221-H, Box 3, Chapel Hill 27514

Committee Listing

1. **Children's Special Health Services Advisory Committee (IV-1)** — **No. 8**
   Angus M. McBryde, Jr., M.D., **Chairman** (704-372-0743)
   1012 Kings Dr., Ste. 101, Charlotte 28283

2. **Coordinating Committee on Medical Practice (IV-2)** — **No. 11**
   William W. Fore, M.D., **Chairman** (919-757-2571)
   ECU School of Medicine, Greenville 27834

3. **Health Insurance Companies & Plans Committee (IV-3)** — **No. 23**
   James C. Gaither, M.D., **Chairman** (704-322-1128)
   660 Milton Road, Newton 28658

4. **Dept. of Human Resources Liaison Committee (IV-4)** — **No. 24**
   John L. McCain, M.D., **Chairman** (919-291-7001)
   Wilson Clinic, Wilson 27893

5. **N. C. Industrial Commission Liaison Committee (IV-5)** — **No. 36**
   Thomas E. Castelloe, M.D., **Chairman** (919-781-5600)
   P.O. Box 10707, Raleigh 27605

6. **Practice Pattern Variation Committee (IV-6)** — No. 38
William W. Fore, M.D., **Chairman** (919-757-2571)
ECU School of Medicine, Greenville 27834

7. **Professional Review Organizations Liaison Committee (IV-7)** — No. 41
J. Dewey Dorsett, Jr., M.D., **Chairman** (704-333-4175)
1851 E. Third St., Charlotte 28204

8. **Rehabilitation Medicine Committee (IV-8)** — No. 42
Angus M. McBryde, Jr., M.D., **Chairman** (704-372-0743)
1012 Kings Dr., Ste. 101, Charlotte 28283

V. PUBLIC AFFAIRS COMMISSION

Elizabeth P. Kanof, M.D., **Commissioner** (919-878-0310)
3400 Executive Drive, Raleigh 27609

Committee Listing

1. **Communications Committee (V-1)** — No. 9
Sidney L. Gulledge, III, M.D., **Chairman** (919-878-0220)
3400 Executive Dr., Ste. 101, Raleigh 27609

2. **Disaster & Emergency Medical Care Committee (V-2)** — No. 16
Joseph A. Moylan, M.D., **Chairman** (919-684-2237)
Duke Medical Center, Box 3947, Durham 27710

3. **Eye Care & Eye Bank Committee (V-3)** — No. 18
Edward M. Hedgpeth, Jr., M.D., **Chairman** (919-682-9341)
1110 W. Main St., Durham 27701

4. **Legislation Committee (V-4)** — No. 25
H. David Bruton, M.D., **Chairman** (919-692-2444)
195 W. Illinois Ave., Southern Pines 28387

5. **Medical Aspects of Sports Committee (V-5)** — No. 28
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Duke Medical Center, Box 3935, Durham 27710

6. **Medical-Legal Committee (V-6)** — No. 30
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2215 Randolph Rd., Charlotte 28207

VI. PUBLIC SERVICE COMMISSION

William W. Fore, M.D., **Commissioner** (919-757-2571)
ECU School of Medicine, Greenville 27834

Committee Listing

1. **Child Health Committee (VI-1)** — No. 7
Charles K. Scott, M.D., **Chairman** (919-228-8316)
530 W. Webb Ave., Burlington 27215

2. **Drug Abuse & Pharmacy Committee (VI-2)** — No. 17
Ronald B. Mack, M.D., **Chairman** (919-727-8108)
2516 Woodberry Dr., Winston-Salem 27106

3. **Maternal Health Committee (VI-3)** — No. 26
Robert G. Brame, M.D., **Chairman** (919-757-4983)
Doctor's Park Apts., B-1, Greenville 27834

4. **Mental Health Committee (VI-4)** — No. 33
Nicholas E. Stratas, M.D., **Chairman** (919-787-7125)
3900 Browning Pl., Ste. 201, Raleigh 27609

5. **Physicians' Health & Effectiveness Committee (VI-5)** — No. 37
Theodore R. Clark, M.D., **Chairman** (919-692-6471)
140 SW Broad Street, Southern Pines 28387

COMMITTEES NOT ASSIGNED TO A COMMISSION

COUNCIL ON REVIEW & DEVELOPMENT
Thomas B. Dameron, Jr., M.D., **Chairman** (919-781-5600)
P.O. Box 10707, Raleigh 27605

MEDIATION COMMITTEE
Josephine E. Newell, M.D., **Chairman** (919-733-7613)
Raleigh Towne, Apt. 47, 525 Wade Ave., Raleigh 27605
Thomas B. Dameron, Jr., M.D., **Secretary** (919-781-5600)
P.O. Box 10707, Raleigh 27605

NOMINATING COMMITTEE
William W. Fore, M.D., **Chairman** (919-757-2571)
ECU School of Medicine, Greenville 27834

COORDINATING COUNCIL OF SPECIALTY SOCIETIES
Bertram W. Coffer, M.D., **Chairman** (919-847-3355)
P.O. Box 18139, Raleigh 27619

1. **Aging Committee III-1 (11) (7 Consultants)**
Monroe T. Gilmour, M.D.[60] (IM) (704-375-0287) **Chairman**
1300 Baxter St., Ste. 163, Charlotte 28204
Paul Beck, M.D.[92] (GER) (919-755-8520)
3000 New Bern Ave., Raleigh 27610
Samuel T. Bickley, M.D.[40] (FP) (919-885-2118)
P.O. Box 5168, High Point 27262
David R. Carr[32] (ST) (DUKE) (919-493-3695)
Duke Medical Center, Box 2709, Durham 27710
H. Ronald Gollberg, M.D.[11] (P/GER) (704-252-1421)
445 Biltmore Center, Ste. 304, Asheville 28801
Edna M. Hoffman, M.D.[26] (OBG) (919-485-4755)
348 Valley Rd., Fayetteville 28305
Harold Kallman, M.D.[74] (FP/GER) (919-757-2597)
ECU, Dept. of Family Medicine, Greenville 27834
Jonnie H. McLeod, M.D.[60] (PD) (704-597-2171)
Dept. of Human Services, UNC Charlotte Station, Charlotte 28223
James S. Parsons, M.D.[92] (IM) (919-832-5125)
704 W. Jones St., Raleigh 27603
Rafael C. Sanchez, M.D.[74] (FP/ADL) (919-757-2608)
P.O. Box 1846, Greenville 27834
Deepak Sawhney[32] (ST) (UNC) (919-968-8624)
4 Gooseneck Circle, Chapel Hill 27514
Robert J. Sullivan, Jr., M.D.[32] (IM/FP) (919-684-6721)
294 Highview Dr., Chapel Hill 27514
Thomas R. White, M.D.[60] (FP) (704-542-9227)
10724 Park Rd., Charlotte 28210

Consultants:
Harvey J. Cohen, M.D., Director (919-684-3654)
Center on Aging & Human Development, Duke Medical Center, Box 3003, Durham 27710
Sandra E. Hendrickson, FNP (919-782-1790)
Biomedical Home Care, P.O. Box 33333, Raleigh 27606
Mrs. Edwin Martinat (Martha) (Auxiliary) (919-678-0339)
120 Sherwood Forest Rd., Winston-Salem 27104
Elaine Stoops, Assistant Secretary (919-733-3983)
NC Division of Aging, 708 Hillsborough St., Raleigh 27607
Nancy Tintle, Associate Director (704-334-7656)
Mecklenburg County Health Care Cost Management Council, 1012 Kings Dr., Ste. 906, Charlotte 28283
Mrs. Russell J. Sacco (Pam) (Auxiliary President) (704-963-9595)
P.O. Box 1086, Hendersonville 28793
Judith C. Wright (Health Director) (919-793-3023)
Hwy. 45, N., P.O. Box 396, Plymouth 27962

2. **Arrangements Commiittee III-2 (12)**
Edna M. Hoffman, M.D.[26] (OBG) (919-485-4755) **Chairman**
348 Valley Rd., Fayetteville 28305
Robert M. Boerner, M.D.[11] (ID/PUD) (704-254-5932)
520 Biltmore Ave., Asheville 28801
Henry J. Carr, Jr., M.D.[82] (IM) (919-592-6114)
603 Beaman St., Clinton 28328
William B. Costenbader, Jr., M.D.[11] (OTO/HNS) (704-254-3517)
131 McDowell St., Asheville 28801
Margaret N. Harker, M.D.[16] (GP) (919-247-3476)
Drawer 897, Morehead City 28557
Robert S. Lackey, M.D.[60] (R/FP) (704-365-0343)
2118 Pinewood Cir., Charlotte 28211
Willis E. Mease, M.D.[67] (FP) (919-324-3105)
209 S. Church St., Richlands 28574

Peter W. Robie, M.D.[34] (IM) (919-748-2085)
3606 Kingston Rd., Winston-Salem 27106
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P.O. Box 1086, Hendersonville 28793
Mrs. Roy A. Weaver (Anita) (Auxiliary) (919-868-2383)
432 Brightwood Dr., Fayetteville 28303
William B. Wood, M.D.[32] (IM/PUD) (919-962-2118)
UNC, 231 MacNider Bldg., Chapel Hill 27514

3. Audit Committee I-1 (5)
William R. Hudson, M.D.[32] (OTO) (919-684-3834) **Chairman**
Duke Medical Center, Durham 27710
Martha B. Adams, M.D.[32] (IM) (919-383-1518)
1901 Hillandale Rd., Durham 27705
R. Jackson Blackley, M.D.[92] (P/GPM) (919-733-6523)
325 N. Salisbury St., Raleigh 27611
Walter W. Burns, Jr., M.D.[32] (GS) (919-967-8258)
901 Willow Dr., Chapel Hill 27514
David M. Fajenbaum, M.D.[92] (ORS) (919-872-5296)
3410 Executive Dr., Raleigh 27619

4. Auxiliary Advisory Committee III-3 (5) (4 Consultants)
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Woodside Prof. Bldg., Clinton 28328
Edwin L. Bryan, M.D.[41] (IM/CD) (919-274-7609)
200 E. Northwood St., Greensboro 27401
Charles L. Nance, Jr., M.D.[65] (ORS) (919-763-7344)
2001 S. 17th St., Wilmington 28401
Russell J. Sacco, M.D.[45] (IM) (704-692-3538)
506 Park Hill Ct., Ste. 101, Hendersonville 28739
Ralph E. Snyder, M.D.[63] (IM) (919-692-4011)
1902-C N. Sandhills Blvd., Aberdeen 28315

Consultants:
Mrs. Charles J. Niemeyer (Carolyn) (Auxiliary First Vice-President) (604-867-8180)
3421 Country Club Dr., Gastonia 28054
Mrs. Russell J. Sacco (Pam) (Auxiliary President) (704-693-9595)
P.O. Box 1086, Hendersonville 28793
Mrs. Ralph E. Snyder (Jackie) (Auxiliary President-Elect) (919-949-3166)
378-A Pine Ridge Dr., Whispering Pines 28327
Mrs. Peter R. Young (Darlene) (Auxiliary Past-President) (919-274-0681)
404 Country Club Dr., Greensboro 27408

5. Bioethics Committee II-3 (16) (7 Consultants)
Allen J. McBride, M.D.[34] (FP/GER) (919-748-2234) **Chairman**
300 S. Hawthorne Rd., Winston-Salem 27103
George C. Barrett, M.D.[60] (R) (704-371-4056)
958 Cherokee Rd., Charlotte 28207
Linda E. Brinkman[74] (ST) (ECU) (919-355-6121)
10 Palmetto Pl., Greenville 27834
Gloria F. Graham, M.D.[98] (D) (919-291-5600)
702 Broad St., Wilson 27893
Jack Hughes, M.D.[32] (U) (919-286-1297)
923 Broad St., Durham 27705
Richard Janeway, M.D.[34] (N) (919-748-4424)
300 S. Hawthorne Rd., Winston-Salem 27103
John L. McCain, M.D.[98] (RHU/IM) (919-291-7001)
Wilson Clinic, Wilson 27893
Assad Meymandi, M.D.[26] (P/N) (919-485-6166)
1212 Walter Reed Rd., Fayetteville 28304
Reggie D. Parlier[32] (ST) (DUKE) (919-479-5559)
1344 New Castle Rd., B-2, Durham 27704
C. Glenn Pickard, Jr., M.D.[32] (IM) (919-966-2276)
N.C. Memorial Hospital, Chapel Hill 27514
Cecil D. Rhodes, Jr., M.D.[98] (IM/A) (919-291-1300)
P.O. Box 27894-0309, Wilson 27893
Louis deS. Shaffner, M.D.[34] (PDS/GS) (919-725-1503)
740 N. Pine Valley Rd., Winston-Salem 27106
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Duke Hospital, Box 3975-M, Durham 27710
J. Dale Simmons, M.D.[86] (PH) (919-374-2131)
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Eugene A. Stead, Jr., M.D.[39] (IM/CD) (919-684-6587)
Rt. 1, Box 194, Bullock 27507

Consultants:
P. Wesley Aitken, Director (919-684-3586)
Chaplain Service, Duke Medical Center, Box 3812, Durham 27710
Larry Churchill, Ph.D. (919-962-1136)
UNC, Dept. of Social & Administrative Medicine, Chapel Hill 27514
Arlene J. Diosegy, Lawyer (919-383-0355)
P.O. Box 3079, Durham 27705
Allen Dyer, M.D. (919-684-2415)
Duke Hospital, Box 3838, Durham 27710
D. Scott Lindsay, Chaplain (704-371-4168)
Presbyterian Hospital, P.O. Box 33549, Charlotte 28233
Mrs. Russell J. Sacco (Pam) (Auxiliary President) (704-693-9595)
P.O. Box 1086, Hendersonville 28793
Mrs. Ralph E. Snyder (Jackie) (Auxiliary President-Elect) (919-949-3166)
378-A Pine Ridge Dr., Whispering Pines 28327

6. Cancer Committee II-1 (25) (Legal — 1 ea. Congressional District) (1 Consultant)
M. Robert Cooper, M.D.[34] (ON/HEM) (5th) (919-748-4300) **Chairman**
300 S. Hawthorne Rd., Winston-Salem 27103
Ray G. Silverthorne, M.D.[7] (OBG) (1st) (919-946-5168)
Rt. 2, Box 35, Washington 27889
Walter E. Davis, M.D.[32] (ON/HEM) (2nd) (919-383-5531)
1830 Hillandale Rd., Durham 27705
Leonard S. Woodall, M.D.[51] (OBG) (3rd) (919-934-7696)
711 North Street, Smithfield 27577
Wesley C. Fowler, Jr., M.D.[32] (GYN/ON) (4th) (919-966-1194)
UNC, Dept. of OB/GYN, Chapel Hill 27514
Kenneth S. Karb, M.D.[41] (ON/IM) (6th) (919-272-2141)
1007 Professional Village, Greensboro 27401
James E. Wortman, M.D.[65] (ON/IM) (7th) (919-763-5182)
715 Forest Hills Dr., Wilmington 28403
Richard W. Martin, M.D.[80] (GS) (8th) (704-637-2750)
P.O. Box 1665, Salisbury 28144
Samuel L. Orr, M.D.[60] (PTH) (9th) (704-338-2251)
Charlotte Mem. Hospital, P.O. Box 32861, Charlotte 28232
Avery W. McMurry, M.D.[23] (GS) (10th) (704-482-6359)
207 Lee St., Shelby 28150
John F. Tannehill, M.D.[44] (OTO/HNS) (11th) (704-452-1406)
120 Hospital Dr., Clyde 28721
Randy A. Cooper[32] (ST) (DUKE) (919-489-5643)
1007 Norwood Ave., Durham 27707
Daniel L. Crocker, M.D.[64] (ON/HEM) (919-443-9084)
100 Nash Med. Arts Mall, Rocky Mount 27801
E. Bruce Elliston, M.D.[11] (FP) (704-258-8681)
172 Ashlane Ave., Asheville 28801
George E. Ennis, M.D.[18] (IM/HEM) (704-328-2381)
912 Second St., NE, Hickory 28601
Jon P. Gockerman, M.D.[32] (ON/HEM) (919-684-6283)
Duke Medical Center, Box 3877, Durham 27710
Herman A. Godwin, Jr., M.D.[60] (HEM/IM) (704-373-0700)
2711 Randolph Rd., Ste. 100, Charlotte 28207
Margaret N. Harker, M.D.[16] (GP) (919-247-3476)
P.O. Drawer 897, Morehead City 28557
Vernon W. Jobson, M.D.[34] (GYN) (919-765-1464)
2909 Maplewood Ave., Winston-Salem 27103
Richard B. Marshall, M.D.[34] (PTH) (919-748-2626)
236 Stanaford Rd., Winston-Salem 27104
Robert C. Moffatt, M.D.[11] (ON/GS) (704-258-2464)
30 Victoria Rd., Asheville 28801
Barton R. Paschal, M.D.[11] (ON/HEM) (704-254-8232)
1 Doctor's Dr., Asheville 28801
Karen G. Seaton[32] (ST) (UNC) (919-383-8388)
59 Polk's Landing, Chapel Hill 27514
Charles L. Spurr, M.D.[34] (ON/HEM) (919-748-2946)
300 S. Hawthorne Rd., Winston-Salem 27103
Stuart K. Todd, M.D.[64] (GS) (919-443-9084)
100 Nash Medical Arts Mall, Rocky Mt. 27801

Consultant:
Judith C. Wright (Health Director) (919-793-3023)
Hwy. 45, N., P.O. Box 396, Plymouth 27962

7. Child Health Committee VI-1 (14) (1 Consultant)
Charles K. Scott, M.D.[1] (PD/ADL) (919-228-8316) **Chairman**
530 W. Webb Ave., Burlington 27215
Marshall E. Agner, M.D.[36] (FP) (704-435-6058)
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Consultant:
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Rowan Rd., County Complex, Clinton 28328

8. Children's Special Health Services Advisory Committee IV-1 (18)
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1012 Kings Dr., Ste. 101, Charlotte 28283
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9. Communications Committee V-1 (12) (7 Consultants)
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Randy Cooper[32] (ST) (DUKE) (919-489-5643)
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3007 Redford Dr., Greensboro 27408
Mrs. Russell J. Sacco (Pam) (Auxiliary President) (704-693-9595)
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3 Thunderbird Circle, Pinehurst 28374
Mrs. Ralph E. Snyder (Jackie) (Auxiliary President-Elect) (919-949-3166)
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Mrs. Peter R. Young (Darlene) (Auxiliary Past-President) (919-274-0681)
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10. Constitution & Bylaws Committee III-4 (5)
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11. Coordinating Committee on Medical Practice IV-2 (8)
William W. Fore, M.D.[74] (END/IM) (919-757-2571) **Chairman**
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Bynum Tudor, Vice-President (919-773-2388)
R. J. Reynolds/Nabisco, Inc., P.O. Box 2959, Winston-Salem 27102

12. Coordinating Council of Specialty Societies (20)
Bertram W. Coffer, M.D.[92] (AN) (919-847-3355) **Chairman**
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13. Cost Management of Medical Care Committee II-2 (28) (1 Consultant)
John T. Langley, M.D.[54] (ORS) (919-522-2020) **Co-Chairman**
Kinston Clinic, N., Ste. F, Kinston 28501
Bynum Tudor, Corp. Director (919-773-2388) **Co-Chairman**
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D. E. Barham (919-946-8111)
P.O. Box 191, Washington 27889
Hoke Brittain (704-636-4862)
511 Plymouth Ave., Salisbury 28144
Charles N. Burger (704-324-9716)
P.O. Box 3584, Hickory 28603
H. Frank Butler (919-379-6173)
Cone Mills Corp., 1201 Maple St., Greensboro 27405
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P.O. Box 1309, Lincolnton 28092
Ned Donnelly (704-735-4523)
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Nereus C. English (919-472-7788)
Carolina Underwear Co., P.O. Box 398, Thomasville 27360
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Piedmont Aviation, P.O. Box 2720, Winston-Salem 27102
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N. William Young, M.D.[32] (OPH) (919-471-8495)
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Consultant:
George Stiles (704-334-7656)
Council on Health Costs, Inc., 1012 Kings Dr., Charlotte 28283

14. Council on Review & Development (7) (3 Ex Officio with Vote, 1 nonvoting)
Thomas B. Dameron, Jr., M.D.[92] (ORS) (919-781-5600) **Chairman**
P.O. Box 10707, Raleigh 27605
Jack Hughes, M.D.[32] (U) (919-286-1297) **Vice-Chairman**
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Raleigh Towne, Apt. 47, 525 Wade Ave., Raleigh 27605
Marshall S. Redding, M.D.[70] (OPH) (919-335-5446)
1142 N. Road St., Elizabeth City 27909
Frank Sohmer, M.D.[34] (GE/IM) (919-760-4340)
1901 S. Hawthorne Rd., Ste. 310, Winston-Salem 27103
J. B. Warren, M.D.[25] (GP) (919-637-5888)
203 Pine Rd., New Bern 28560

Ex Officio with Vote:
John W. Foust, M.D.[60] (OT) (704-365-0711) (President)
3535 Randolph Rd., Charlotte 28211
Henry J. Carr, Jr., M.D.[82] (IM) (919-592-6114) (President-Elect)
603 Beaman St., Clinton 28328
John T. Dees, M.D.[65] (FP/PH) (919-259-2161) (Secretary)
P.O. Box 815, Burgaw 28425

Ex Officio Nonvoting:
George E. Moore (Executive Vice-President) (919-833-3836)
P.O. Box 27167, Raleigh 27611

15. Credentials Committee (of Delegates to House of Delegates) III-5 (5)
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Drawer 729, Mars Hill 28754
J. Grayson Hall, M.D.[86] (FP) (919-386-8270)
P.O. Box 158, Dobson 27017
Carey J. Walton, M.D.[14] (IM/GE) (704-758-5544)
315-A Mulberry St., SW, Lenoir 28645
Louis R. Wilkerson, M.D.[92] (OBG) (919-832-5529)
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16. Disaster & Emergency Medical Care Committee V-2 (16) (1 Consultant)
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17. **Drug Abuse & Pharmacy Committee VI-2 (8) (8 Consultants)**
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P.O. Box 5534, Asheville 28813
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Anthony J. Weisenberger, M.D.[11] (P)(704-253-3681)
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Consultants:
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Mr. Keith Bulla (919-295-5320)
SBI, P.O. Box 18243, Greensboro 27419
Col. Jack F. Cardwell (919-733-7952)
NC Highway Patrol, P.O. Box 27687, Raleigh 27611
Mrs. Lady Faircloth (919-733-4670)
Div. of Mental Health, Mental Retardation, & Substance Abuse Services, 325 N. Salisbury St., Raleigh 27611
Mr. A. H. Mebane, III, Executive Director (919-967-2237)
NC Pharmaceutical Association, Drawer 151, Chapel Hill 27514
Mrs. Charles J. Niemeyer (Carolyn) (Auxiliary) (704-867-8180)
3421 Country Club Dr., Gastonia 28054
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Bowman Gray Sch. of Med., Winston-Salem 27103
Mr. David R. Work, Secretary-Treasurer (919-942-4454)
NC Board of Pharmacy, P.O. Box H, Carrboro 27510

18. **Eye Care & Eye Bank Committee V-3 (25)**
Edward M. Hedgpeth, Jr., M.D.[32] (OPH) (919-682-9341) **Chairman**
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19. **Finance Committee I-2 (5) (11 Consultants) (3 Ex Officio)**
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3208 Oleander Dr., Wilmington 28401
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36. N.C. Industrial Commission Liaison Committee IV-5 (25)
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37. Physicians' Health & Effectiveness Committee VI-5 (23)
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COUNCILOR DISTRICTS
Constitution and Bylaws of the North Carolina Medical Society

Article VI — Section and District Societies

The House of Delegates may divide the scientific work of The Society into appropriate sections, and organize such councilor district societies composed of members of component societies, as will promote the interests of the profession.

Chapter VII — Councilor Districts

Section 1. To facilitate the organization of the medical profession, the State of North Carolina hereby is divided by counties into ten councilor districts as follows:

First District — Bertie-Gates-Hertford, Chowan-Perquimans, Gates, Hertford, and Pasquotank-Camden-Currituck-Dare.

Second District — Beaufort-Hyde-Martin-Washington-Tyrrell, Carteret, Craven-Pamlico-Jones, Lenoir-Greene and Pitt.

Third District — Bladen, Brunswick, Columbus, Duplin, New Hanover-Pender, Onslow and Sampson.

Fourth District — Edgecombe, Halifax, Johnston, Nash, Northampton, Warren, Wayne, and Wilson.

Fifth District — Cumberland, Harnett, Hoke, Lee, Moore, Richmond, Robeson, and Scotland.

Sixth District — Alamance-Caswell, Chatham, Durham-Orange, Franklin, Granville, Person, Vance, and Wake.

Seventh District — Anson, Cabarrus, Cleveland, Gaston, Lincoln, Mecklenburg, Montgomery, Rutherford, Stanley, and Union.

Eithth District — Ashe-Alleghany, Forsyth-Stokes-Davie, Guilford, Randolph, Rockingham, Surry-Yadkin, and Wilkes.

Ninth District — Alexander, Avery, Burke, Caldwell, Catawba, Davidson, Iredell, McDowell, Rowan, and Watauga.

Tenth District — Buncombe, Cherokee, Graham, Haywood, Henderson, Jackson, Macon-Clay, Madison, Mitchell-Yancey, Polk, Swain, and Transylvania.

ROSTER CODING KEY

CODING SYMBOLS

ALPHABETICAL SECTION

† DOE, JOHN M., MD **IM/GE 32**
DEPT. OF MED. A P * AC
DUKE UNIVERSITY MEDICAL CENTER
DURHAM, NC 27710 919-684-0000

†	DECEASED
IM/GE	PRIMARY/SECONDARY SPECIALTY (SEE KEY BELOW)
32	COMPONENT SOCIETY CODE (SEE KEY BELOW)
A	AMA MEMBER
P	MEDPAC MEMBER
*	ATTENDED ANNUAL MEETING
AC	TYPE OF MEMBERSHIP (SEE KEY BELOW)

COMPONENT SOCIETY SECTION

† DOE, JOHN., MD **IM/GE AC**
DEPART. OF MED. 59 60 64
DUKE UNIVERSITY MEDICAL CENTER
DURHAM, NC 27710 YALE
919-684-0000

†	DECEASED
IM/GE	PRIMARY/SECONDARY SPECIALTY (SEE KEY BELOW)
AC	TYPE OF MEMBERSHIP (SEE KEY BELOW)
59	YEAR GRADUATED
60	YEAR LICENSED
64	YEAR JOINED SOCIETY
YALE	MEDICAL SCHOOL

SPECIALTY CODES

ADL	Adolescent Medicine
AM	Aerospace Medicine
A	Allergy
AI	Allergy & Immunology
AN	Anesthesiology
BLB	Bloodbanking
BE	Broncho-esophagology
CD	Cardiovascular Diseases
D	Dermatology
DMP	Dermatopathology
DIA	Diabetes
EM	Emergency Medicine
END	Endocrinology
FP	Family Practice
GE	Gastroenterology
GP	General Practice
GPM	General Preventive Medicine
GER	Geriatrics
GYN	Gynecology
HEM	Hematology
HYP	Hypnosis
IG	Immunology
ID	Infectious Diseases
IM	Internal Medicine
LAR	Laryngology
LM	Legal Medicine
NA	Neuropathology
NPM	Neonatal-Perinatal Medicine
ND	Neoplastic Diseases
NEP	Nephrology
N	Neurology
CHN	Neurology, Child
NM	Nuclear Medicine
NR	Nuclear Radiology
NTR	Nutrition
OBS	Obstetrics
OBG	Obstetrics and Gynecology
OM	Occupational Medicine
ON	Oncology
OPH	Ophthalmology
OT	Otology
OTO	Otorhinolaryngology
PTH	Pathology
CLP	Pathology, Clinical
FOP	Pathology, Forensic
RIP	Pathology, Radioisotopic
PD	Pediatrics
PDA	Pediatrics, Allergy
PDC	Pediatrics, Cardiology
PDE	Pediatric Endocrinology
PHO	Pediatric Hematology-Oncology
PNP	Pediatric Nephrology
PA	Pharmacology, Clinical
PM	Physical Medicine and Rehabilitation
P	Psychiatry
CHP	Psychiatry, Child
PYA	Psychoanalysis
PYM	Psychosomatic Medicine
PH	Public Health
PUD	Pulmonary Diseases
R	Radiology
DR	Radiology, Diagnostic
PDR	Radiology, Pediatric
TR	Radiology, Therapeutic
RHU	Rheumatology
RHI	Rhinology
ABS	Surgery, Abdominal
CDS	Surgery, Cardiovascular
CRS	Surgery, Colon and Rectal
PSF	Surgery, Facial Plastic
GS	Surgery, General
HA	Surgery, Hand
HNS	Surgery, Head and Neck
MFS	Surgery, Maxillofacial
NS	Surgery, Neurological
ORS	Surgery, Orthopedic
PDS	Surgery, Pediatric
PS	Surgery, Plastic
TS	Surgery, Thoracic
TRS	Surgery, Traumatic
U	Surgery, Urological
VS	Surgery, Vascular
OS	Other Specialty

COMPONENT SOCIETY CODES

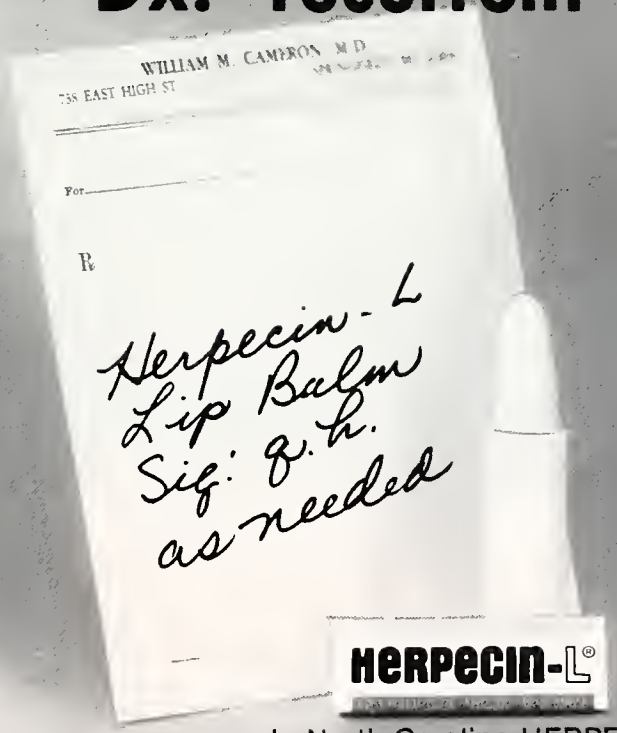
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2	ALEXANDER
	ALLEGHANY (SEE #5)
4	ANSON
5	ASHE-ALLEGHANY
6	AVERY
7	BEAUFORT-HYDE-MARTIN-WASHINGTON-TYRRELL
8	BERTIE-GATES-HERTFORD
9	BLADEN
10	BRUNSWICK
11	BUNCOMBE
12	BURKE
13	CABARRUS
14	CALDWELL
	CAMDEN (SEE #70)
16	CARTERET
	CASWELL (SEE #1)
18	CATAWBA
19	CHATHAM
20	CHEROKEE
21	CHOWAN-PERQUIMANS
	CLAY (SEE #56)
23	CLEVELAND
24	COLUMBUS
25	CRAVEN-PAMLICO-JONES
26	CUMBERLAND
	CURRITUCK (SEE #70)
	DARE (SEE #70)
29	DAVIDSON
	DAVIE (SEE #34)
31	DUPLIN
32	DURHAM-ORANGE
33	EDGECOMBE
34	FORSYTH-STOKES-DAVIE
35	FRANKLIN
36	GASTON
	GATES (SEE #8)
	GRAHAM (SEE #20)
39	GRANVILLE
	GREENE (SEE #54)
40	HIGH POINT
41	GREENSBORO
42	HALIFAX
43	HARNETT
44	HAYWOOD
45	HENDERSON
	HERTFORD (SEE #8)
47	HOKE
	HYDE (SEE #7)

49 IREDELL
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51 JOHNSTON
JONES (SEE #25)
53 LEE
54 LENOIR-GREENE
55 LINCOLN
56 MACON-CLAY
57 MADISON
MARTIN (SEE #7)
59 MCDOWELL
60 MECKLENBURG
61 MITCHELL-YANCEY
62 MONTGOMERY
63 MOORE
64 NASH
65 NEW HANOVER-PENDER
66 NORTHAMPTON
67 ONSLOW
ORANGE (SEE #32)
PAMLICO (SEE #25)
70 PASQUOTANK-CAMDEN-
CURRITUCK-DARE
PENDER (SEE #65)
PERQUIMANS (SEE #21)
73 PERSON
74 PITT
75 POLK
76 RANDOLPH
77 RICHMOND
78 ROBESON
79 ROCKINGHAM
80 ROWAN
81 RUTHERFORD
82 SAMPSON
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86 SURRY-YADKIN
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90 UNION
91 VANCE
92 WAKE
93 WARREN
WASHINGTON (SEE #7)
95 WATAUGA
96 WAYNE
97 WILKES
98 WILSON
YADKIN (SEE #86)
YANCEY (SEE #61)

TYPE OF MEMBERSHIP CODES

AC	ACTIVE
AF	AFFILIATE
AS	ASSOCIATE
H	HONORARY
S	STUDENT
R	RESIDENT
L	LIFE
L/RT	LIFE/RETIRED
RT	RETIRED

Dx: recurrent herpes labialis



"HERPECIN-L is my **treatment of choice** for perioral herpes." GP, NY

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CONTROL ACID RAIN

with once-a-night h.s. therapy for active duodenal ulcers

Now, one tablet at bedtime

Controls nocturnal acid to relieve pain and heal duodenal ulcers

Heals active duodenal ulcers after 4 weeks in most patients*[1]



In well-controlled, double-blind, multicenter trials, ZANTAC 300 mg h.s. healed active duodenal ulcers in 84% of patients after 4 weeks. After 8 weeks, healing rates may be higher with ZANTAC 150 mg b.i.d. (92%) than with ZANTAC 300 mg h.s. (87%).

Relieves pain and other symptoms as effectively as ZANTAC 150 mg b.i.d.[1]

Zantac® 300

ranitidine HCl/Glaxo 300 mg tablets

Once-daily dosing may enhance compliance in patients for whom dosing convenience is important

Side-effects profile comparable to ZANTAC 150 mg b.i.d.[1-3]

Headache—sometimes severe—has been reported. Rare effects on the CNS, cardiovascular, GI, hepatic, and integumental systems have been observed, as well as rare cases of hypersensitivity reactions. See ADVERSE REACTIONS section of Brief Summary of Product Information before prescribing.

No significant interference with the hepatic cytochrome P-450 enzyme system at recommended doses

ZANTAC 300 mg h.s. had no significant drug interactions with theophylline or warfarin. The bioavailability of certain medications whose absorption is dependent on a low gastric pH may be altered when ZANTAC or other medications which decrease gastric acidity are administered.



*It is not known exactly how much acid inhibition is needed to heal ulcers.

Glaxo / ROCHE

See next page for references and Brief Summary of Product Information.

IN ACTIVE DUODENAL ULCERS

Once-a-night h.s. therapy controls acid rain

Zantac® 300
ranitidine HCl/Glaxo 300 mg tablets

References: 1. Data available on request, Glaxo Inc. **2.** Ireland A, Colin-Jones DG, Gear P, et al: Ranitidine 150 mg twice daily vs 300 mg nightly in treatment of duodenal ulcers. *Lancet* 1984;2:274-275. **3.** Colin-Jones DG, Ireland A, Gear P, et al: Reducing overnight secretion of acid to heal duodenal ulcers. *Am J Med* 1984; 77 (suppl 5B):116-122.

ZANTAC® 150 Tablets
(ranitidine hydrochloride)
ZANTAC® 300 Tablets
(ranitidine hydrochloride)

BRIEF SUMMARY OF PRODUCT INFORMATION

INDICATIONS AND USAGE: ZANTAC® is indicated in:
1. Short-term treatment of active duodenal ulcer. Most patients heal within four weeks. Studies available to date have not assessed the safety of ranitidine in uncomplicated duodenal ulcer for periods of more than eight weeks.
2. Maintenance therapy for duodenal ulcer patients at reduced dosage after healing of acute ulcers. No placebo-controlled comparative studies have been carried out for periods of longer than one year.
3. The treatment of pathological hypersecretory conditions (eg, Zollinger-Ellison syndrome and systemic mastocytosis).
4. Short-term treatment of active, benign gastric ulcer. Most patients heal within six weeks and the usefulness of further treatment has not been demonstrated. Studies available to date have not assessed the safety of ranitidine in uncomplicated, benign gastric ulcer for periods of more than six weeks.
5. Treatment of gastroesophageal reflux disease. Symptomatic relief commonly occurs within one or two weeks after starting therapy. Therapy for longer than six weeks has not been studied.

In active duodenal ulcer; active, benign gastric ulcer; hypersecretory states; and GERD, concomitant antacids should be given as needed for relief of pain.

CONTRAINDICATIONS: ZANTAC® is contraindicated for patients known to have hypersensitivity to the drug.

PRECAUTIONS: General: 1. Symptomatic response to ZANTAC® therapy does not preclude the presence of gastric malignancy.
2. Since ZANTAC is excreted primarily by the kidney, dosage should be adjusted in patients with impaired renal function (see **DOSAGE AND ADMINISTRATION**). Caution should be observed in patients with hepatic dysfunction since ZANTAC is metabolized in the liver.

Laboratory Tests: False-positive tests for urine protein with Multistix® may occur during ZANTAC therapy, and therefore testing with sulfosalicylic acid is recommended.

Drug Interactions: Although ZANTAC has been reported to bind weakly to cytochrome P-450 in vitro, recommended doses of the drug do not inhibit the action of the cytochrome P-450-linked oxygenase enzymes in the liver. However, there have been isolated reports of drug interactions which suggest that ZANTAC may affect the bioavailability of certain drugs by some mechanism as yet unidentified (eg, a pH-dependent effect on absorption or a change in volume of distribution).

Carcinogenesis, Mutagenesis, Impairment of Fertility: There was no indication of tumorigenic or carcinogenic effects in lifespan studies in mice and rats at doses up to 2,000 mg/kg/day.

Ranitidine was not mutagenic in standard bacterial tests (*Salmonella, E coli*) for mutagenicity at concentrations up to the maximum recommended for these assays.

In a dominant lethal assay, a single oral dose of 1,000 mg/kg to male rats was without effect on the outcome of two matings per week for the next nine weeks.

Pregnancy: *Teratogenic Effects: Pregnancy Category B:* Reproduction studies have been performed in rats and rabbits at doses up to 160 times the human dose and have revealed no evidence of impaired fertility or harm to the fetus due to ZANTAC. There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: ZANTAC is secreted in human milk. Caution should be exercised when ZANTAC is administered to a nursing mother.

Pediatric Use: Safety and effectiveness in children have not been established.

Use in Elderly Patients: Ulcer healing rates in elderly patients (65 to 82 years of age) were no different from those in younger age groups. The incidence rates for adverse events and laboratory abnormalities were also not different from those seen in other age groups.

ADVERSE REACTIONS: The following have been reported as events in clinical trials or in the routine management of patients treated with oral ZANTAC®. The relationship to ZANTAC therapy has been unclear in many cases. Headache, sometimes severe, seems to be related to ZANTAC administration.

Central Nervous System: Rarely, malaise, dizziness, somnolence, insomnia, and vertigo. Rare cases of reversible mental confusion, agitation, depression, and hallucinations have been reported, predominantly in severely ill elderly patients.

Cardiovascular: Rare reports of tachycardia, bradycardia, and premature ventricular beats.

Gastrointestinal: Constipation, diarrhea, nausea/vomiting, and abdominal discomfort/pain.

Hepatic: In normal volunteers, SGPT values were increased to at least twice the pretreatment levels in 6 of 12 subjects receiving 100 mg qid IV for seven days, and in 4 of 24 subjects receiving 50 mg qid IV for five days. With oral administration there have been occasional reports of reversible hepatitis, hepatocellular or hepatocanalicular or mixed, with or without jaundice.

Musculoskeletal: Rare reports of arthralgias.

Hematologic: Rare reports of reversible leukopenia, granulocytopenia, thrombocytopenia, and pancytopenia.

Endocrine: Controlled studies in animals and man have shown no stimulation of any pituitary hormone by ZANTAC and no antiandrogenic activity, and cimetidine-induced gynecomastia and impotence in hypersecretory patients have resolved when ZANTAC has been substituted. However, occasional cases of gynecomastia, impotence, and loss of libido have been reported in male patients receiving ZANTAC, but the incidence did not differ from that in the general population.

Integumental: Rash, including rare cases suggestive of mild erythema multiforme, and, rarely, alopecia.

Other: Rare cases of hypersensitivity reactions (eg, bronchospasm, fever, rash, eosinophilia) and small increases in serum creatinine.

OVERDOSAGE: There is no experience to date with deliberate overdosage. The usual measures to remove unabsorbed material from the gastrointestinal tract, clinical monitoring, and supportive therapy should be employed.

Studies in dogs receiving doses of ZANTAC® in excess of 225 mg/kg/day have shown muscular tremors, vomiting, and rapid respiration. Single oral doses of 1,000 mg/kg in mice and rats were not lethal. Intravenous LD_{50} values in rat and mouse were 83 and 77 mg/kg, respectively.

DOSAGE AND ADMINISTRATION: Dosage Adjustment for Patients with Impaired Renal Function: On the basis of experience with a group of subjects with severely impaired renal function treated with ZANTAC®, the recommended dosage in patients with a creatinine clearance less than 50 ml/min is 150 mg every 24 hours. Should the patient's condition require, the frequency of dosing may be increased to every 12 hours or even further with caution. Hemodialysis reduces the level of circulating ranitidine. Ideally, the dosage schedule should be adjusted so that the timing of a scheduled dose coincides with the end of hemodialysis.

HOW SUPPLIED: ZANTAC® 150 Tablets (ranitidine hydrochloride equivalent to 150 mg of ranitidine) are white tablets embossed with "ZANTAC 150" on one side and "Glaxo" on the other. They are available in bottles of 60 tablets (NDC 0173-0344-42) and unit dose packs of 100 tablets (NDC 0173-0344-47).

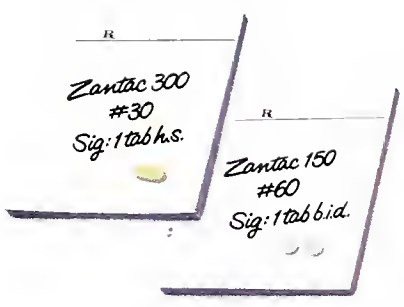
ZANTAC® 300 Tablets (ranitidine hydrochloride equivalent to 300 mg of ranitidine) are yellow, capsule-shaped tablets embossed with "ZANTAC 300" on one side and "Glaxo" on the other. They are available in bottles of 30 (NDC 0173-0393-40) and unit dose packs of 100 tablets (NDC 0173-0393-47).

Store between 15° and 30°C (59° and 86°F) in a dry place. Protect from light. Replace cap securely after each opening.

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Glaxo
Glaxo Inc.
Research Triangle Park, NC 27709

Now...two effective regimens to treat active duodenal ulcers



Alphabetical List of Members for 1986-1987

The number in small type following each name indicates the component society under which the member is listed in the Roster by component societies.

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Rice, Edmond Lee ..... United Christian Hospital, Lahore, West Pakistan
Wilson, Frank Elmore ..... 615 986-6315 — Route #3, Leona Road, Lenoir City, TN 37771
Wynn, Roy Spurgeon ..... 704 332-2035 — 1721 Oaklawn Avenue, Charlotte, NC 28216

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(See Page 22 for Key to Specialties)

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PO BOX 157
CHERRYVILLE 28021 704 435-6058

AGNER, ROY AUGUSTA, JR. IM 080
611 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 633-7220

AGNER, ROY CHRISTOPHER IM 080
611 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 636-9820

AGSTEN, JOSEPH EDWARD FP 054
107 AIRPORT ROAD A P AC
KINSTON 28501 919 527-4146

AHDIEH, MASOUD PD 077
302 HYLAN AVENUE A P AC
HAMLET 28345 919 997-7180

AHL, ERNEST THEODOR, JR. PTH 034
DEPT. OF PATHOLOGY AC
BOWMAN GRAY SCH. OF MED.
WINSTON-SALEM 27103 919 748-2637

AHMAD, SARWAT WAHAJ P 026
3314 MELROSE ROAD, STE. 102 AC
FAYETTEVILLE 28303 919 323-0790

AHMAD, WAHAJ DIN N/IM 026
3314 MELROSE RD., SUITE 102 A AC
FAYETTEVILLE 28304 919 323-0790

AHMED, FARHANA IM 092
8009 FALLING LEAF CT. A AC
RALEIGH 27609 919 787-0486

AIKEN, HOVEY EUGENE, JR. PD 025
707 PROFESSIONAL DRIVE AC
NEW BERN 28560 919 633-2900

AIKEN, JANET CYBRYNSKI IM 036
1349-B E. GARRISON BLVD. AC
GASTONIA 28054 704 861-0210

AIKEN, WARWICK, III IM 036
1349-B E. GARRISON BLVD. A AC
GASTONIA 28054 704 861-0210

AINSLEY, THELLIE RUPERT, JR. IM 053
1007 CARTHAGE ST. AC
SANFORD 27330 919 774-4343

AITKEN, MARY ELIZABETH 032
308 BRIARBRIDGE VALLEY RD. A S
CHAPEL HILL 27514 919 929-7833

AIZCORBE, RAUL CESAR FP 036
79 MCADENVILLE ROAD A AC
BELMONT 28012 704 825-3101

AKERS, RICHARD EDWIN OPH 036
631 COX ROAD A AC
GASTONIA 28054 704 864-7789

AKERS, RICHARD ELBERT U 040
624 QUAKER LANE A AC
HIGH POINT 27262 919 886-5151

AKWARI, ANNE MICHEAUX OM /IM 032
IBM CORPORATION 657/205 A AC
P. O. BOX 12195
RESEARCH TRIANGLE PK 27709 919 543-5508

ALBERGOTTI, JULIAN S., JR OM /FP 060
SOUTHERN BELL MED. DEPT. A * AC
ROOM 414 SNC-PO BOX 30188
CHARLOTTE 28230 704 378-7320

ALBERS, CHARLES ALLEN GS 045
835 FLEMING STREET A AC
HENDERSONVILLE 28739 704 692-0238

ALBERTSON, DAVID ALLEN GS 034
BOWMAN GRAY, DEPT. OF SURG. A AC
WINSTON-SALEM 27103 919 748-4442

ALBRIGHT, BENJAMIN PHILLIPS,JR IM 036
1896 REMOUNT ROAD A AC
GASTONIA 28054 704 867-0735

ALBRIGHT, HAROLD DOWE, III IM 060
1851 E. THIRD ST., SW #101 A AC
CHARLOTTE 28204 704 333-4175

ALCINI, JOHN JOSEPH, JR. DR /NM 083
SCOTLAND MEMORIAL HOSPITAL A AC
LAURINBURG 28352 919 276-2121

ALDERMAN, ALLISON M., JR. FP 092
242 BRYAN BLDG. A AC
CAMERON VILLAGE
RALEIGH 27605 919 832-1205

ALDERMAN, EDWARD HATCHER IM /FP 051
P. O. BOX 278 A AC
FOUR OAKS 27524 919 963-3148

ALDRICH, HARRY RANDOLPH 032
BOX 2700, DUKE UNIV. MED. CTR. A S
DURHAM 27710 919 684-6761

ALEXANDER, EBEN, JR. NS 034
BOWMAN GRAY SCH. OF MED. A P * L
WINSTON-SALEM 27103 919 748-4082

ALEXANDER, GEORGE ERIC 032
1847 WOODBURN RD. A S
DURHAM 27705 919 286-3229

ALEXANDER, H. ANTHONY IM 000
419 BROOKSIDE RD. A R
AUGUSTA, GA 30904 404 736-9901

ALEXANDER, HENRY C., JR. IM /PUD 060
5136 STRAWBERRY HILL DR. A RT
CHARLOTTE 28211 704 366-6499

ALEXANDER, JAMES FROSST IM /IG 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 365-0760

ALEXANDER, JAMES MOSES IM 060
3535 RANDOLPH ROAD A L/RT
CHARLOTTE 28211 704 365-0760

ALEXANDER, JAMES PORTER IM /OM 060
DUKE POWER COMPANY A AC
P. O. BOX 33189
CHARLOTTE 28242 704 373-4329

ALEXANDER, JOSEPH BLACK IM 078
395 W. 27TH STREET A AC
LUMBERTON 28358 919 739-7551

ALEXANDER, LAWRENCE MELTON FP 053
555 CARTHAGE STREET A AC
SANFORD 27330 919 774-6518

ALEXANDER, WILLIAM MCKINLEY IM 045
P. O. BOX 627 A * AC
HENDERSONVILLE 28739 704 692-7201

ALFORD, JAMES DAVID GS /TS 049
427 E. STATESVILLE AVENUE A P AC
MOORESVILLE 28115 704 663-4065

ALI, SHAMSHAD PD /NPM 059
1200 MEDICAL CTR. #B AC
MARION 28752 704 652-6386

ALKHALDI, AOUS SALIM R 039
104 TRANQUIL CIRCLE A AC
OXFORD 27565 919 693-5115

ALLAN, JAMES THOMAS, JR. R 036
3705 PRINCETON DRIVE A AC
GASTONIA 28054 704 866-2948

ALLEN, CYRIL ANTHONY HEM 092
P. O. BOX 14005 AC
RALEIGH 27620 919 828-3466

ALLEN, DAVID HENRY CHP /P 034
1334 ASHLEY SQUARE AC
WINSTON-SALEM 27103 919 765-1866

ALLEN, ELIZABETH P 032
3333 CHAPEL HILL BOULEVARD AC
DURHAM 27707 919 489-3889

ALLEN, ELMS LEACH HEM /ON 034
3314 HEALY DR. STE. 107 A AC
WINSTON-SALEM 27103 919 768-2521

ALLEN, FRED HUNTLEY, JR. N 060
1900 BRUNSWICK AVENUE A AC
CHARLOTTE 28207 704 377-9323

ALLEN, JAMES LATHAN OBG 032
1821 GREEN STREET A P AC
DURHAM 27705 919 286-1258

ALLEN, JOHN O. HENRY FP /IM 059
31 STATE ST. AC
PO BOX 1189
MARION 28752 704 652-5251

ALLEN, LEROY NS 092
3009 NEW BERN AVE. A AC
PO BOX 14027
RALEIGH 27620 919 832-4448

ALLEN, LOUIS DAVID PD 092
3001 ESSEX CIRCLE A AC
RALEIGH 27608 919 782-0021

ALLEN, MOLLY VIRGINIA OPH 065
1120 MEDICAL CENTER DR. A AC
WILMINGTON 28401 919 763-7316

ALLEN, ROBERT LEE NS 092
3009 NEW BERN AVE. A P AC
PO BOX 14027
RALEIGH 27620 919 832-4448

ALLEN, RODNEY H. OBG /END 032
602 THE OAKS A * S
CHAPEL HILL 27514 919 929-5745

ALLEY, JAMES THOMPSON OPH 096
P. O. BOX 1044 A AC
GOLDSBORO 27530 919 734-8202

ALLEYNE, GRANT LIVINGSTONE OBG 026
P. O. BOX 64838 A P AC
FAYETTEVILLE 28306 919 323-2767

ALLF, BRYAN EWING 032
1711 SHAWNEE STREET A S
DURHAM 27701 919 683-1099

ALLGOOD, JOHN WILLIAM, JR. IM 041
1503 PEBBLE DR. A L/RT
GREENSBORO 27410 919 292-2196

ALLIGOOD, GILBERT RAY, JR. IM /PD 074
1110 ARLINGTON BLVD. A S
GREENVILLE 27834 919 756-8423

ALLIGOOD, TOBY RAY D/IM 007
1110 HIGHLAND DRIVE AC
WASHINGTON 27889 919 946-4176

ALLISON, E. JACKSON, JR. EM 074
ECU, DEPT. OF EMER. MED. A * AC
GREENVILLE 27834 919 757-4757

ALMARIO, JOSELITO U 008
500 N. ACADEMY ST. A AC
AHOSKIE 27910 919 332-6444

ALMKUIST, RALPH DURWOOD, II NEP /IM 065
1302 MEDICAL CENTER DRIVE A P AC
WILMINGTON 28401 919 763-3651

ALMOND, CHARLES MALCOLM FP 065
1602 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 763-5471

ALPERT, ERIC DAVID R 060
3535 RANDOLPH ROAD AC
CHARLOTTE 28211 704 365-0343

ALSENTZER, ULRICH KARL PM 074
REGIONAL REHABILITATION CTR. A P AC
P. O. BOX 6028
GREENVILLE 27834 919 757-4440

ALSON, ROY LEE EM 034
4447 LAUREL OAKS DR. R
ALLISON PARK, PA 15101 412 359-3131

ALSTON, MICHAEL CURTIS FP 008
405 HOLLY HILL RD. AC
MURFREESBORO 27855 919 398-5167

ALSUP, ROBERT MARTIN OTO 034
175 CHARLOIS BLVD., STE. 101 A AC
WINSTON-SALEM 27103 919 768-3361

ALSUP, WILLIAM BYRN, JR. OTO 034
261 WESTVIEW DR. SW A L/RT
WINSTON-SALEM 27104 919 724-0487

ALTANY, FRANKLIN EDWARD PS 060
2027 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 377-3091

ALTSHULLER, LILLIS FLATMAN PD 032
1301 FAYETTEVILLE ST. AC
DURHAM 27707 919 683-1316

ALVA, JUAN GE /IM 032
609 VICKERS AVENUE AC
DURHAM 27701 919 688-4748

ALYEA, EDWIN PASCAL, III 032
2211 MOREHEAD AVE. #3 A S
DURHAM 27707 919 495-5608

AMAYA, MARCELINO CHP /P 032
2928 FRIENDSHIP ROAD A AC
DURHAM 27705 919 575-7621

AMEEN, WILLIAM OTIS, JR. EM /FP 001
P. O. BOX 9925 A AC
2304 CANNONBALL ROAD
GREENSBORO 27408 919 282-1164

AMES, DAVID ANTHONY P 074
313 LONGMEADOW ROAD AC
GREENVILLE 27834 919 752-7151

AMES, RICHARD HAIGHT NS 041
2316 PRINCESS ANN ST. A * L/RT
GREENSBORO 27408 919 288-0421

AMMAR, MOHAMED IBRAHIM OBG 031
P. O. BOX 468 A AC
KENANSVILLE 28349 919 296-1666

AMSELLEM, DAVID P 034
3924 OLD VINYARD RD. #29 A P AC
WINSTON-SALEM 27104 919 765-6525

ANAGNOS, DAMON PHILIP 034
832 LOCKLAND AVE. S
WINSTON-SALEM 27103 919 724-9897

ANDERSEN, SUSAN HOLLAR 074
110 N. HARPER ST. A S
SNOW HILL 28580 919 747-8189

ANDERSON, CARL ELVING P 032
1702 VISTA ST. A R
DURHAM 27701 919 688-5373

ANDERSON, DUDLEY BUIST ON /HEM 098
1700 S. TARBORO ST. A P AC
WILSON 27893 919 291-1300

ANDERSON, EDWARD EVERETT U 032
DUKE UNIVERSITY MEDICAL CTR. A AC
DURHAM 27710 919 684-3448

ANDERSON, ELBERT CARL OPH 065
3208 OLEANDER DR. A L/RT
WILMINGTON 28403 919 763-6265

ANDERSON, JAMES DICK OBG 060
1023 EDGEHILL ROAD, SOUTH A AC
CHARLOTTE 28207 704 373-1541

ANDERSON, JAY ARTHUR 032
4114 LIVINGSTONE PLACE A R
DURHAM 27707 919 489-2184

ANDERSON, JOHN B., JR. FP 039
1018 COLLEGE STREET * AC
OXFORD 27565 919 693-3972

ANDERSON, KENT THOMAS IM 098
1704 S. TARBORO ST. A AC
WILSON 27893 919 291-7001

ANDERSON, LANDON BUTLER ORS 065
1222 MEDICAL CENTER DRIVE A AC
WILMINGTON 28401 919 763-2977

ANDERSON, LARRY GLENN ORS 012
2203 STERLING ST. A P AC
MORGANTON 28655 704 437-6500

ANDERSON, PAGE ALBERT WILLIS PDC 032
BOX 3218, DUKE MEDICAL CTR. AC
DURHAM 27710 919 684-2538

ANDERSON, RICHARD DAWSON R/NM 060
2520 SEDLEY ROAD A AC
CHARLOTTE 28211 704 379-5860

ANDERSON, ROBERT ALLEN GS 008
320 PEMBROKE AVENUE A L/RT
AHOSKIE 27910 919 332-2884

ANDERSON, ROBERT LOUIS OBG 034
BOX 301, CENTRAL ROAD AC
CLEMMONS 27012 919 760-0444

ANDERSON, STEPHEN GRIFFITH OBG 034
2927 LYNDHURST AVENUE A P AC
WINSTON-SALEM 27103 919 765-9350

ANDERSON, WILLIAM BANKS, JR. OPH 032
DUKE UNIVERSITY EYE CENTER A * AC
DURHAM 27710 919 684-3343

ANDOLSEK, KATHRYN MARIJOAN FP /GER 032
407 CRUTCHFIELD ST. AC
DURHAM 27704 919 471-2571

ANDRACCHIO, VINCENT CHARLES AN 064
3709 WESTRIDGE CIRCLE DR. P AC
ROCKY MOUNT 27804 919 443-8038

ANDRESEN, JEFFRY JOHN PYA /P 032
NCMH,234 WING C-PSYCHIATRY A AC
CHAPEL HILL 27514 919 966-3378

ANDREW, RAYMOND HALL P 034
2841 F TULLY SQUARE A AC
WINSTON-SALEM 27106 919 768-4730

ANDREW, WALLACE F., JR. ORS /HS 092
3515 GLENWOOD AVE. A AC
PO BOX 10707
RALEIGH 27605 919 781-5600

ANDREWS, BOB BARCUS PTH 078
P. O. BOX 847 A AC
LUMBERTON 28359 919 738-6441

ANDREWS, D. SCOTT CDS /TS 060
1900 RANDOLPH RD. STE. 206 A AC
CHARLOTTE 28207 704 372-1306

ANDREWS, PAUL STEPHEN OBG 032
2609 N. DUKE ST. STE. 204 A AC
DURHAM 27704 919 471-8402

ANDREWS, ROBERT JACKSON IM 065
5305 WRIGHTSVILLE AVENUE A * AC
WILMINGTON 28403 919 791-2626

ANDREWS, ROBERT WILLIAM U 032
923 BROAD ST. P AC
DURHAM 27705 919 286-1297

ANDREWS, SUSAN DEBORAH 032
2314 WILSON STREET R
DURHAM 27705 919 286-4079

ANDREWS, VERNON LILES FP 062
RT. #2, BOX 2049-A A L/RT
MOUNT GILEAD 27306 919 439-5516

ANDRINOPOULOS, GEO. C. OBG /NPM 060
1900 RANDOLPH RD. STE. 804 A P AC
CHARLOTTE 28207 704 372-5800

ANDRUS, THOMAS ROSS, JR. D 092
6104 VALLEY FIELD CIRCLE A AC
RALEIGH 27612 919 782-2152

ANEJA, BELA LAROIA IM 074
210 CHURCHILL DRIVE A R
GREENVILLE 27834 919 756-4147

ANGELILLO, JOHN CHARLES MFS 032
DUKE MEDICAL CENTER A AC
DIV. OF PLASTIC SURGERY
DURHAM 27710 919 684-2943

ANGELO, JEAN NICHOLAS NA /PTH 034
BOWMAN GRAY, DEPT. OF PTH A AC
WINSTON-SALEM 27103 919 748-4311

ANLYAN, WILLIAM GEORGE GS 032
BOX 3701, DUKE MED. CTR. A AC
DURHAM 27710 919 684-3438

ANTHONY, LUTHER LESLIE, JR. IM /CD 036
1896 REMOUNT ROAD A AC
GASTONIA 28054 704 867-0736

ANTHONY, LYNDON ULYSSES NS 065
1301 CYPRESS GROVE DRIVE AC
WILMINGTON 28401 919 762-1804

ANTHONY, WILLIAM AUGUSTUS IM 036
1203 BELVEDERE A L/RT
GASTONIA 28054 704 866-9206

ANTONAKOS, THEODORE GS 034
P. O. BOX 8 A L/RT
DANBURY 27016 919 593-8276

ANTOSZYK, ANDREW NICHOLAS OPH 032
3116 STANFORD DRIVE A R
DURHAM 27707 919 489-3937

APLINGTON, JAMES PAGE ORS 041
315 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 275-0724

APPERT, ROBERT ALBERT ORS 098
1700 S. TARBORO STREET A AC
WILSON 27893 919 291-1300

APPLER, MARK LEE GE /IM 086
P. O. BOX 1547 A AC
MT. AIRY 27030 919 786-6196

AQUADRO, CHARLES FRASURE GP /OM 016
326 FRONT STREET AC
BEAUFORT 28516 919 728-5141

ARANA, GUILLERMO FERNANDO FP /PTH 092
975 WALNUT ST., STE. 255 AC
CARY 27511 919 467-4141

ARCHIE, JOSEPH PATRICK, JR. CDS 092
4021 BARRETT DRIVE A AC
RALEIGH 27609 919 781-5335

ARENA, JAY MORRIS PD 032
DUKE HOSPITAL, BOX 3024 A * L
DURHAM 27710 919 684-6138

ARENDALE, STEPHEN SYDNES DR /NM 011
STE. 301, 445 BILTMORE CENTER A AC
ASHEVILLE 28801 704 254-2371

AREY, JOHN VINCENT GYN 013
1054 BURRAGE ROAD, N. E. A AC
CONCORD 28025 704 788-4151

ARI, ABDULLAH NECIP OBG 055
300 LABANS LANE A AC
LINCOLNTON 28092 704 732-0777

ARIAIL, JERRY NOLAN D 011
390 S. FRENCH BROAD AVE. A P * AC
ASHEVILLE 28801 704 252-3576

ARKIN, ROY MARC GS 041
721 GREEN VALLEY RD. A AC
GREENSBORO 27408 919 275-2889

ARMISTEAD, HOWARD LACY,JR. FP /OM 065
2108 S. SEVENTEENTH STREET A AC
WILMINGTON 28401 919 762-7776

ARMISTEAD, RAY BAXTER ORS 025
TRIANGLE PLAZA A AC
P. O. BOX 1694
NEW BERN 28560 919 633-3256

ARMSTRONG, BEVERLY WELLER OT 060
230 E. INDEPENDENCE BLVD. A L/RT
STE. 105
CHARLOTTE 28204 704 377-2267

ARMSTRONG, BRUCE GRIFFEY U 011
377 VANDERBILT ROAD A AC
ASHEVILLE 28803

ARMSTRONG, MICHAEL, JR. 032
1315 MOREENE RD., APT. 25-F A S
DURHAM 27705

ARNEY, GERALD WAYNE DR 036
GASTON RADIOLOGY,
MEDICAL BLDG A AC
P. O. BOX 1495
GASTONIA 28052 704 864-4378

ARNEY, WILLIAM CHARLES FP 012
214 WEST PARK DR. A L/RT
MORGANTON 28655 704 437-2972

ARNOLD, GORDON BRUCE IM 040
624 QUAKER LANE, STE. 213-B A P AC
HIGH POINT 27262 919 883-4132

ARNOLD, ROBERT EDGAR FP 060
4101 CENTRAL AVENUE A AC
CHARLOTTE 28205 704 537-0020

ARNOLD, TERRY VINCENT IM 029
244-C FAIRVIEW DRIVE A P AC
LEXINGTON 27292 704 249-7051

ARRINGTON, JOHN HODGE, III PTH /DMP 041
1608 VALLEYMEDE A AC
GREENSBORO 27410 919 379-4073

ARTHUR, ROBERT KEY OBG 040
P. O. BOX 5128 A AC
HIGH POINT 27262 919 887-3011

ARTIS, ISAAC AMOS, JR. IM 074
114 ROANOKE PLACE AC
P. O. BOX 7304
GREENVILLE 27834 919 756-6986

ASHBURN, PHILIP EUGENE IM /GE 092
3100 BLUE RIDGE RD. #300 A P AC
RALEIGH 27612 919 781-7500

ASHLEY, GALE JACKSON FP 005
DOCTOR'S OFFICE BUILDING AC
SPARTA 28675 919 372-4644

ASKAR, ABDULLAH ONSY P/FP 032
H-STREET, #33 A R
BUTNER 27509 919 575-9005

ASKARY, NASSER AGHA OBG /END 077
P. O. BOX 1703 A AC
ROCKINGHAM 28379 919 997-3151

ASKEW, ANNE PRESTON PD 092
4016 BARRETT DR., STE. 101 A AC
RALEIGH 27609 919 781-2438

ASKIN, FREDERIC BARTON PTH 032
NCMH, DEPT. OF PTH, BOX 27 AC
CHAPEL HILL 27514 919 966-1394

ASRAEL, GERSON U 060
1350 KINGS DRIVE P AC
CHARLOTTE 28207 704 372-8750

ASSEVERO, MICHAEL LAWRENCE OBG 065
1502 PRINCESS ST. A AC
WILMINGTON 28401 919 762-8662

ATASSI, INAD BADREDDIN NS 026
101 ROBESON ST. STE. 410 A P AC
FAYETTEVILLE 28301 919 483-5050

ATHEY, GEORGE RICHARD IM 074
3004 BRIARCLIFF DRIVE A S
GREENVILLE 27834 919 756-8793

ATKINS, JAMES NORMAN ON /IM 096
201 COX BOULEVARD AC
GOLDSBORO 27530 919 734-9455

ATKINS, WILLIAM SHAFFER OPH 095
907 STATE FARM ROAD AC
BOONE 28607 704 262-1554

ATKINSON, ALVAN WILLIAM CDS /TS 092
3400 EXECUTIVE DR. STE. 102 A P AC
RALEIGH 27609 919 872-8080

ATKINSON, SAMUEL MARVIN, JR. OBG 074
1401 E. FIFTH ST. A * AC
GREENVILLE 27834 919 757-4669

ATKINSON, THOMAS TEMPLE FP 059
P. O. BOX 39 AC
MARION 28752 704 652-8727

ATSTUPENAS, ELIOT ANTHONY 032
STRATFORD HILLS APTS. 12-D A S
CHAPEL HILL 27514 919 929-9027

ATWATER, JOHN SPENCER, JR. A/PD 011
390 S. FRENCH BROAD AVE. A AC
ASHEVILLE 28801 704 254-5366

ATWOOD, KAREN STONE FP 092
7202 FALLS OF THE NEUSE RD. AC
RALEIGH 27609 919 848-9911

AUMAN, EDWIN LEWIS IM 040
624 QUAKER LANE, SUITE 210-A A P AC
HIGH POINT 27262 919 841-8822

AUMAN, GEORGE LOUIS PD 092
3900 BROWNING PLACE AC
RALEIGH 27609 919 787-0266

AUSTIN, ERLE HARRIS, III CDS /TS 074
DIV. OF CARDIAC SURGERY A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-4822

AUSTIN, FREDERICK DA COSTA,III IM /ID 007
615 E. 12TH STREET AC
WASHINGTON 27889 919 946-2101

AUSTIN, ROBERT GRAY, JR. OPH 090
1410 FRANKLIN ST., EAST A AC
MONROE 28110 704 289-5455

AUSTIN, STEPHEN BRAWNER IM 045
414 N. CHURCH STREET A P AC
HENDERSONVILLE 28739 704 693-1768

AUSTIN, WALTER KENNETH, JR. CD 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1503

AUSTIN, WILLIAM ELLIOT GE /IM 034
1830 HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 765-0463

AUTEN, RICHARD LAMBERT, JR. PD 033
WILSON MEMORIAL HOSPITAL A AC
TARBORO ST.
WILSON 27893

AVERETT, LELAND STANLEY, JR. FP 040
700 N. ELM STREET AC
HIGH POINT 27262 919 882-1324

AVERY, ELEANOR ELIZABETH 074
RT. #2, BOX 305 A S
GREENVILLE 27834 919 752-0569

AVERY, FRANK WALTON PTH 092
RALEIGH COMMUNITY HOSP. A AC
PO BOX 28280
RALEIGH 27611 919 872-4800

AYCOCK, PERRY WILLIAM, JR. IM /GE 036
1896 REMOUNT ROAD A AC
GASTONIA 28054 704 867-0735

AYCOCK, WILLIAM GLENN FP 001
202 S. FIFTH STREET A AC
MEBANE 27302 919 563-9341

AYERS, JAMES SALISBURY FP 082
PROFESSIONAL BUILDING A L
CLINTON 28328 919 592-2541

AYSCUE, LANIER HASTY 032
813 EMORY DR. A S
CHAPEL HILL 27514 919 968-0516

AZZATO, JOHN ANTHONY ORS 010
112 N. HOWE STREET A AC
SOUTHPORT 28461 919 457-4789

BACH, PHILIP JOHN ORS 060
120 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0351

BACHL, FREDERICK JOSEPH PD 080
720 GROVE STREET AC
SALISBURY 28144 704 636-5576

BACHMAN, DAVID STANLEY N/CHN 065
1202 MEDICAL CENTER DR. A AC
WILMINGTON 28401 919 341-3359

BACON, HAROLD LYLE GP 087
948 RICHMOND A L
BRYSON CITY 28713 704 488-2105

BADAWI, RAOUF FAHMY P 041
522 N. ELAM AVE., STE. 203 A AC
GREENSBORO 27403 919 854-2391

BAEZ, JORGE E. IM 054
PO BOX 2392 AC
KINSTON 28502 919 522-1261

BAGGETT, HENRY CLIFFORD OTO 064
2420 PROFESSIONAL DR. A P AC
P. O. BOX 7099
ROCKY MOUNT 27804 919 937-4100

BAGGETT, JOHN ROBERT IM 025
709 PROFESSIONAL DRIVE A AC
NEW BERN 28560 919 633-5333

BAGGETT, JOSEPH WOODROW OBG 026
P. O. BOX 53514 A AC
FAYETTEVILLE 28305 919 485-1191

BAGLEY, CARTER SNOW OTO /HNS 011
131 MCDOWELL STREET A AC
ASHEVILLE 28801 704 254-3517

BAGWELL, JOHNNY WAYNE FP 092
1005 VANDORA SPRINGS RD. AC
GARNER 27529 919 779-1440

BAHNSON, EDWARD REID IM /OM 034
2725 WINDSOR ROAD A L/RT
WINSTON-SALEM 27104 919 768-7784

BAHRANI, KHOSROW H. P 034
3080 TRENWEST DRIVE AC
WINSTON-SALEM 27103 919 768-2162

BAILEY-PRIDHAM, DWIGHT DOUGLAS 032
RT. #2, BOX 523 A R
DURHAM 27705 919 383-7104

BAILEY, ANN GERYL AN /PD 032
ROUTE #12, BOX 193 A AC
CHAPEL HILL 27514 919 684-8111

BAILEY, CLARENCE ALMON, JR. PD /AI 032
1824 HILLANDALE ROAD AC
DURHAM 27705 919 286-2202

BAILEY, CLAUDE FLETCHER OBG 070
1142 N. ROAD STREET A AC
ELIZABETH CITY 27909 919 338-3914

BAILEY, GEORGE TILLMAN DR 064
212 OLD COLONY WAY AC
ROCKY MOUNT 27801 919 443-8083

BAILEY, HILDA HART PD 080
102 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 633-3727

BAILEY, JOHN BENNETT PD 011
131 MCDOWELL STREET AC
ASHEVILLE 28801 704 254-4337

BAILEY, JOHN RICHARD OPH 078
205 W. 29TH STREET A AC
LUMBERTON 28358 919 738-4856

BAILEY, JOSEPH PEDEN EM /FP 045
P. O. BOX 338 A L/RT
FLAT ROCK 28731 704 693-4357

BAIRD, HARRY HAYNES U 060
1012 KINGS DRIVE A L
CHARLOTTE 28283 704 334-6449

BAIRD, HAYNES WALLACE PTH /CLP 041
1200 N. ELM STREET A P AC
GREENSBORO 27401 919 379-4074

BAIRD, JAMES HAMILTON OBG 001
1624 MEMORIAL DRIVE A AC
BURLINGTON 27215 919 226-7386

BAKER, BERNIE BALLINGTON, SR. OBG 021
EDENTON OB-GYN CENTER,PA A AC
P. O. BOX 990
EDENTON 27932 919 782-7407

BAKER, DAVID STANFORD, II ORS /HS 060
1900 RANDOLPH ROAD, STE. 706 A P AC
CHARLOTTE 28235 704 372-9820

BAKER, EDGAR FP 045
510-A FLEMING STREET AC
HENDERSONVILLE 28739 704 693-9973

BAKER, HERBERT MARVIN FP 079
546 MORGAN ROAD A AC
EDEN 27288 919 627-1129

BAKER, HORACE MITCHELL,JR. GS 078
P. O. BOX 1171 AC
LUMBERTON 28358 919 738-8571

BAKER, JOAN MARGO OBG 054
105 AIRPORT RD. AC
KINSTON 28501 919 523-8383

BAKER, JOHN HARRISON OBG 092
8004 SHELLNUT ROAD P AC
RALEIGH 27609 919 876-8225

BAKER, JOHN WOODWARD EM /IM 060
CHARLOTTE MEMORIAL HOSPITAL * AC
P. O. BOX 32861
CHARLOTTE 28232 704 331-3181

BAKER, LENOX DIAL ORS 032
BOX 3706, DUMC A L/RT
DURHAM 27710 919 684-2628

BAKER, LINNY MARSHALL PD /A 013
40 ARDSLEY AVENUE, N.E. A AC
CONCORD 28025 704 782-1918

BAKER, MARK EARLY DR 032
DUMC, BOX 3808 A AC
DURHAM 27710 919 681-2711

BAKER, MARVIN I. R/NM 021
PO BOX 1047 A P AC
EDENTON 27932 919 482-8446

BAKERMAN, SEYMOUR PTH 074
2902 MEMORIAL DRIVE A AC
GREENVILLE 27834 919 757-6458

BAKEWELL, WILLIAM ERNEST, JR. P 032
N. C. MEMORIAL HOSPITAL A AC
CHAPEL HILL 27514 919 966-4551

BAKRI, KAMAL MANUBHAI ON /IM 026
P. O. BOX 42935 AC
FAYETTEVILLE 28309 919 323-1350

BALDWIN, MARIE P/PN 011
23 JETT COURT A L/RT
ASHEVILLE 28806 704 252-2297

BALE, CHARLES STEPHEN OBG 060
3751 WINDING CREEK LANE A R
CHARLOTTE 28211 704 331-2121

BALES, DONALD WEESNER, JR. IM 064
P. O. BOX 4777 AC
ROCKY MOUNT 27803 919 977-6746

BALESTRIERI, FRANCIS JOSEPH AN 034
1825 GEORGIA AVENUE A P AC
WINSTON-SALEM 27104 919 748-2591

BALL, FRANK JERVEY, JR. IM 083
601 LAUCHWOOD DR. A AC
LAURINBURG 28352 919 276-7727

BALL, MARSHALL RAY DR 034
BOWMAN GRAY, DEPT. OF RAD. A AC
WINSTON-SALEM 27103 919 748-4435

BALLARD, EVAN ADOLPHUS FP 086
ROUTE #2 A AC
JONESVILLE 28642 919 835-6300

BALLARD, HARRY HAMPTON GS /CDS 025
P. O. BOX 1089 AC
NEW BERN 28560 919 633-2081

BALLEN, PATRICK LASELVE GS 041
1409 PEMBROKE RD. STE. 401 A AC
GREENSBORO 27408 919 378-1583

BALLENGER, CLARENCE EUGENE,III N 067
227 MEMORIAL DRIVE. A AC
JACKSONVILLE 28540 919 353-3625

BALLENGER, CLAUDE NEWTON, JR. PD 084
1003 N. SIXTH STREET AC
ALBEMARLE 28001 704 982-2133

BALOCH, MOHAMMAD HAROON FP 092
2800 BLUE RIDGE BLVD. STE. 402 A AC
RALEIGH 27607 919 787-0486

BALSLEY, ROBERT EUGENE EM /PD 079
825 CRESCENT DRIVE A AC
REIDSVILLE 27320 919 349-6335

BALTIMORE, CHAS. LITTLEBURG,JR OPH 007
211 N. MARKET STREET P AC
WASHINGTON 27889 919 946-2171

BANKOV, ROBERT WILLIAM EM 049
519 MARGARET ROAD A AC
STATESVILLE 28677 704 872-3339

BARADA, FRANC A., JR. RHU /IM 032
2609 N. DUKE ST. A P AC
DURHAM 27704 919 477-5179

BARBANO, EDWARD FRANCIS, JR. 032
BOX 2703, DUMC A S
DURHAM 27710 919 684-5154

BARBEE, LEWIS ELISHA GP 041
4928 SYLVANGLADE ROAD A P AC
MCLEANSVILLE 27301 919 375-3434

BARBER, ALFRED JOSEPH IM /HEM 070
1134 N. ROAD STREET A AC
ELIZABETH CITY 27909 919 338-5183

BARBER, JOHN FRANCIS GYN 011
93 VICTORIA ROAD A AC
ASHEVILLE 28801 704 253-4821

BARBER, TRACY EZRA OM 034
3009 LOOKOUT COURT A RT
WINSTON-SALEM 27106 919 768-0555

BARDELAS, JOSE ANTONIO, JR. A/PD 040
100 WESTWOOD AVE. AC
HIGH POINT 27262 919 883-1393

BARDEN, GRAHAM ARTHUR, III PD 025
707 PROFESSIONAL DR. AC
NEW BERN 28560 919 633-2900

BARDEN, GRAHAM ARTHUR, JR. PD 025
707 PROFESSIONAL DRIVE AC
NEW BERN 28560 919 633-2900

BAREFOOT, JENNIFER ANNE COATS 074
11A-640 ZORN AVE. A S
LOUISVILLE, KY 40206

BAREFOOT, JULIUS JACKSON,III EM 074
2016 ALTA AVE. A R
LOUISVILLE, KY 40205

BAREFOOT, KAREN DIANE 074
1903 TIFFANY DR. A S
GREENVILLE 27834

BAREFOOT, SHERWOOD W. D 041
3107 MADISON AVE. A L/RT
GREENSBORO 27403 919 299-8629

BAREFOOT, THOMAS KIRBY 074
2240 RICHMOND LANE A S
PELHAM, AL 35124

BAREFOOT, VERNA YOUNG PH 025
2504 OLD CHERRY POINT ROAD AC
NEW BERN 28560 919 637-5574

BAREFOOT, WILLIAM FREDERICK GS 024
P. O. BOX 573 A L/RT
WHITEVILLE 28472 919 642-3256

BARHAM, BERLIN FRANCIS, JR. CDS /TS 060
301 HAWTHORNE LANE AC
CHARLOTTE 28204 704 375-8413

BARISH, CHARLES FRANKLIN IM /GE 092
3100 BLUE RIDGE RD., STE. 300 A AC
RALEIGH 27612 919 748-4601

BARKER, CAROLYN E. CULBRETH P 039
1028 COLLEGE STREET A AC
OXFORD 27565 919 693-3003

BARKER, DAVID BERT U 023
110 GROVER ST. A P AC
SHELBY 28150 704 484-0117

BARKER, JULIAN OBG 041
408 PARKWAY A AC
GREENSBORO 27401 919 378-1110

BARKER, MARSHALL JAY OBG 054
400 GLENWOOD AVE. STE. #15 A AC
KINSTON 28501 919 527-7208

BARKER, ROGER WILLIAM OTO /HNS 049
702 HARTNESS ROAD A AC
STATESVILLE 28677 704 873-5224

BARKER, RUDY WATKINS OBG 032
2609 N. DUKE ST., STE. 204 A AC
DURHAM 27704 919 471-8402

BARKLEY, KARL LEE OBG 041
1305 W. WENDOVER AVENUE A P AC
GREENSBORO 27408 919 273-2835

BARNES, MAJOR RUSSELL, JR. OBG /FP 067
200 MEMORIAL DR. A AC
JACKSONVILLE 28540 919 353-0759

BARNES, ROBERT STEPHEN P 032
228 CHERYL AVE. A AC
DURHAM 27712 919 477-3459

BARNES, VICTOR RUSSELL 074
111 N. MEADE ST. A S
GREENVILLE 27834 919 758-1547

BARNHARDT, ALBERT EARL GP 013
2100 S. MAIN ST., #57 A L/RT
KANNAPOLIS 28081 704 938-4388

BARNHARDT, LUTHER ERNEST, JR. R/NM 011
THE MCDOWELL HOSPITAL A AC
100 RANKIN DR.
MARION 28752 704 652-2125

BARNHILL, LARRY JARRETT,JR. CHP /P 034
3621 KINGSTON ROAD A AC
WINSTON-SALEM 27106 919 768-6930

BARR, FALVY CARL, JR. PTH /FOP 082
404 BUTLER DRIVE A AC
CLINTON 28328 919 592-8511

BARR, JOHN FINDLEY 080
CLEVELAND FAMILY PRACTICE AC
PO BOX 295
CLEVELAND 27013

BARRETT, GEORGE CARLYLE R 060
958 CHEROKEE ROAD A AC
CHARLOTTE 28207 704 371-4056

BARRETT, JOHN ALBERT, JR. IM /RHU 060
3535 RANDOLPH ROAD, #200 A AC
CHARLOTTE 28211 704 366-8240

BARRETT, ROLLAND JOHN, II GYN /ON 034
228 HEATHERTON WAY A AC
WINSTON-SALEM 27103 919 748-2011

BARRIER, CECIL LEE, SR. GP 023
ROUTE #3, BOX 105 A AC
LAWNDALE 28090 704 538-7891

BARRIER, CHARLES HAROLD IM 013
56 ARDSLEY AVE., NE A AC
CONCORD 28025 704 782-1101

BARRINGER, ARCHIBALD LIPE FP 013
BOX 278 P L/RT
MOUNT PLEASANT 28124 704 436-9929

BARRINGER, MICHAEL LYNN GS 023
904 MEADOWBROOK LANE A P AC
SHELBY 28150 704 482-6359

BARRINGER, PHIL LOUIS GS 090
P. O. BOX 968 A AC
MONROE 28110 704 289-3024

BARRINGER, ROBERT PHILLIPS IM 036
1896 REMOUNT ROAD A AC
GASTONIA 28054 704 867-0730

BARRINGER, THAD JONES P 092
3900 BROWNING PL., STE. 201 A AC
RALEIGH 27609 919 787-7125

BARRINGER, THADDEUS JONES, JR. P 092
3900 BROWNING PL., STE. 201 A AC
RALEIGH 27609 919 787-7125

BARRINGER, THOMAS AVERY,III FP 060
10724 PARK ROAD, EXT. A AC
PINEVILLE 28134 704 542-6577

BARRON, BRUCE JOSEPH GS 084
901 N. THIRD ST. AC
PO BOX 1398
ALBEMARLE 28001 919 982-0161

BARRON, JOHN ISAAC FP 012
P. O. BOX 489 A L
MORGANTON 28655 704 437-5641

BARRY, DAVID WALTER IM /ID 032
BURROUGHS WELLCOME CO. A AC
3030 CORNWALLIS ROAD
RESEARCH TRIANGLE PK 27709 919 248-4534

BARRY, PAUL DOUGLAS DR /NM 041
#2 WALDRON COURT A AC
GREENSBORO 27408 919 288-9346

BARRY, WILLIAM EM /FP 026
3322 MELROSE ROAD A AC
FAYETTEVILLE 28304 919 323-5880

BARTELS, GEORGE THOMAS FP /NTR 092
1201 AVERSBORO ROAD A AC
GARNER 27529 919 779-6330

BARTELT, CURTIS FREDERICK FP 060
6725 FAIRVIEW ROAD AC
CHARLOTTE 28210 704 365-0677

BARTH, GEORGE BITTMAN, II FP 047
405 S. MAIN ST. A AC
P. O. BOX 665
RAEFORD 28376 919 875-5101

BARTLETT, EDWIN CLARY ORS 074
#6 MEDICAL PAVILION A AC
GREENVILLE 27834 919 752-4613

BARTLETT, STEPHEN RUSSELL GS 074
208 N. LONGMEADOW ROAD A L/RT
GREENVILLE 27834 919 752-3218

BARTON, FORBES MARSHALL, JR. GS 060
2115 E. 7TH ST., STE. 103 AC
CHARLOTTE 28204 704 375-3728

BARTON, JOHN HOMER, JR. 034
1608-L NORTHWEST BLVD. A S
WINSTON-SALEM 27104 919 721-9102

BARTON, THOMAS KARL PTH 023
CLEVELAND MEM. HOSP.-PTH AC
SHELBY 28150 704 487-3000

BARTSH, RICHARD LOWELL FP 086
P. O. BOX 988 A AC
MOUNT AIRY 27030 919 789-9111

BARWICK, WILLIAM JAMES PS 032
BOX 3098, DUMC A AC
DURHAM 27710 919 684-2854

BASHFORD, ROBERT ALONZO OBG 065
2215 CANTERWOOD DRIVE AC
WILMINGTON 28401 919 343-1031

BASS, DAVID ALDEN ID /IM 034
BOWMAN GRAY, DEPT. OF IM AC
WINSTON-SALEM 27103 919 748-4246

BASS, SPENCER PIPPEN, JR. PTH 064
P. O. BOX 605 A AC
TARBORO 27886 919 823-3114

BASS, THOMAS RECTOR FP 051
P. O. BOX 849 A AC
CLAYTON 27520 919 553-7158

BASSETT, FRANK HOUSTON, III ORS 032
DUKE UNIV. MED. CTR. A AC
DURHAM 27710 919 684-4378

BATCHELLER, EDGAR HADLEY, JR. GS /TS 067
P. O. BOX 1000 A AC
JACKSONVILLE 28540 919 353-2194

BATE, DAVID SOULE, JR. FP 011
P. O. BOX 537 AC
ARDEN 28704 704 684-0011

BATEMAN, WALLACE BRYSON, JR. EM 096
309 WALNUT CREEK DRIVE AC
GOLDSBORO 27530 919 778-6205

BATES, EVAN SCOTT 032
1740 MALCOLM AVE. #204 A S
LOS ANGELES, CA 90024 213 475-6733

BATES, HAROLD BASCOM U 001
1610 VAUGHN ROAD A AC
BURLINGTON 27215 919 227-2761

BATES, PAUL KENNETH, JR. PD 018
FIRST PLAZA -- BOX 700 AC
1985 TATE BOULEVARD, S.E.
HICKORY 28602 704 322-2550

BATTIGELLI, MARIO CESARE PUD /OM 032
UNC, DEPT. OF MEDICINE A AC
CHAPEL HILL 27514 919 966-2531

BATTLE, MARGARET E. WHITE GYN 064
521 PEACHTREE STREET A L
ROCKY MOUNT 27801 919 442-2414

BATTLE, NEWSOM PITTMAN GS 064
100 NASH MEDICAL ARTS MALL A L
ROCKY MOUNT 27801 919 442-2414

BATTS, MARK BURREL 074
RT. #8, BOX 269 A S
GREENVILLE 27834 919 752-3648

BAUCOM, MARY PADGETT IM 060
5100 BECKFORD DRIVE A AC
CHARLOTTE 28226 704 331-3165

BAUER, JOHN MONTGOMERY PTH 018
ROUTE #2, BOX 197 A AC
CONOVER 28613 704 322-3821

BAUGHAM, ILA EVANS PD 097
DOCTOR'S BLDG., 8TH ST. AC
PO BOX 309
NORTH WILKESBORO 28659 919 838-7466

BAUGHAM, LEONARD ANDREW GS 097
P. O. BOX 1146 AC
NORTH WILKESBORO 28659 919 667-4718

BAUMAN, ROC WINSTON 032
102 SIDNEY GREEN ST. A S
CHAPEL HILL 27514 919 929-5454

BAUMRUCKER, JOHN FREDERICK FP 056
P. O. BOX 1060 AC
HIGHLANDS 28741 704 526-2125

BAYLIN, GEORGE JAY DR /OTO 032
2535 WRIGHTWOOD AVENUE A L/RT
DURHAM 27705 919 489-9637

BEALS, MARTIN FEARING, JR. PD 070
78 MEADS STREET AC
ELIZABETH CITY 27909 919 338-2155

BEAN, GARY OWEN FP 092
1109 DRESSER COURT AC
RALEIGH 27609 919 872-4900

BEANE, SCOTT DOUGLAS 074
3000 GOLDEN RD., APT. #7 A S
GREENVILLE 27834 919 758-5617

BEAR, SIGMOND AARON GYN 065
FIGURE EIGHT ISLAND AC
94 BEACH ROAD, SOUTH
WILMINGTON 28405 919 686-9565

BEARD, JOHN NICHOLS OM /PD 060
1350 KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

BEARDSLEY, THOMAS LEWIS OPH 011
3-C DOCTOR'S PARK * AC
ASHEVILLE 28801 704 253-9821

BEASLEY, CHARLES BRITTON OTO 054
KINSTON CLINIC, NORTH A AC
KINSTON 28501 919 523-0687

BEASLEY, CHARLES RONALD IM /PUD 078
206 W. 27TH STREET A AC
LUMBERTON 28358 919 738-1421

BEASON, EDWARD STEWART PS 034
1732 S. HAWTHORNE ROAD A P AC
WINSTON-SALEM 27103 919 765-3540

BEATTY, PETER T. 032
2205 CRANFORD RD. A S
DURHAM 27706 919 489-9271

BEAVER, ROBERT HOWELL ORS 013
109 COUNTRY CLUB DR. A P AC
CONCORD 28025 704 786-5122

BEAVERS, CHARLES LEE AN 041
100 MEADOWBROOK TERRACE A L/RT
GREENSBORO 27408 919 273-1066

BEAVERS, JAMES WALLACE GP 041
1016 N. ELM STREET A L
GREENSBORO 27401 919 272-3487

BEAZLEY, MARGIE LANE 032
13 HAMILTON ROAD A S
CHAPEL HILL 27514 919 942-2779

BECHTOLDT, ALBERT ARTHUR, JR. AN 032
UNC, DEPT. OF ANES. A AC
CHAPEL HILL 27514 919 966-5136

BECK, J. MONTGOMERY FP /U 001
820 FOREST OAKS LANE AC
MEBANE 27302 919 563-2450

BECK, PAUL GER 092
3000 NEW BERN AVE. A P AC
RALEIGH 27610 919 755-8520

BECK, ROBERT KENT OTO 029
20 W. FIFTH AVE. AC
LEXINGTON 27292 704 246-8660

BECKER, DENIS I. END /IM 092
3410 EXECUTIVE DR., SUITE 205 A AC
RALEIGH 27609 919 876-7692

BECKER, KYRA JO 032
BOX 2876, DUMC A S
DURHAM 27710

BECKHAM, DAVID ROBERTSON AN 026
1762 METROMEDICAL DR. A P AC
FAYETTEVILLE 28302 919 323-5491

BECKNELL, GEORGE FRANKLIN, JR. GP 081
407 S. BROADWAY A AC
FOREST CITY 28043 704 245-4838

BECKWITH, GEORGE HUGHES CD /IM 025
P. O. BOX 2605 A AC
NEW BERN 28560 919 633-4046

BECKWITH, MARY KRISTINE OBG 032
1821 GREEN ST. A AC
DURHAM 27705 919 286-1250

BEDRICK, JAMES JOSEPH OPH 060
1900 RANDOLPH RD., STE. 1016 A P AC
CHARLOTTE 28207 704 372-3300

BEDROSIAN, CAMILLE LUCIA IM 032
9-A TARAWA TERRACE A R
DURHAM 27705 919 383-4972

BEEKER, THADDEUS ARLEN 074
APT. 16-F, COURTNEY SQUARE A S
GREENVILLE 27834 919 737-8170

BEESE, STEPHEN ARTHUR FP 034
429 S. SUNSET DRIVE A AC
WINSTON-SALEM 27103 919 722-1748

BEGGERLY, CLAY EVANS GS 074
114 E. CONCORD DR. A P R
GREENVILLE 27834 919 757-4100

BEITZ, LAURIE OWEN 032
201 WESTBROOK DR. APT. B-1 A S
CARRBORO 27510 919 929-7771

BELHORN, THOMAS H. 032
901-A N. GREENSBORO ST. A S
CARRBORO 27510 919 929-6342

BELK, ROBERT SAMUEL IM /CD 014
322 MULBERRY ST. SW A P * AC
PO BOX 1020
LENOIR 28645 704 758-5544

BELL, CAROL ROLAND AN 011
202 DOCTOR'S BUILDING A AC
ASHEVILLE 28801 704 254-1969

BELL, DOROTHY MCFARLAND OPH 032
1110 W. MAIN ST. A AC
DURHAM 27701 919 682-9341

BELL, ELIZABETH ANNE 032
52-B DAVIE CIRCLE A S
CHAPEL HILL 27514 919 942-6137

BELL, GEORGE ERICK, JR. ORS 098
WILSON CLINIC A AC
WILSON 27893 919 291-7001

BELL, IRA EUGENE, JR. TR /R 018
CATAWBA MEMORIAL HOSPITAL A AC
FAIRGROVE CHURCH ROAD
HICKORY 28601 704 322-0856

BELL, JOHN DAVIS AN 045
401 SIXTH AVE., WEST AC
HENDERSONVILLE 28739 704 693-7848

BELL, JOSEPH TAYLOR, II 034
326 CRAFTON ST. A S
WINSTON-SALEM 27103 919 761-0234

BELL, MICHAEL JOHN R/NM 060
2001 VAIL AVENUE A P AC
CHARLOTTE 28207 704 379-5860

BELL, RALPH MONROE IM 060
1012 KINGS DRIVE A P AC
CHARLOTTE 28283 704 377-6569

BELL, RICHARD ALAN PD 025
3804 BUTLER ROAD AC
NEW BERN 28560 919 633-2900

BELL, WILLIAM HARRISON, JR. DR /NM 025
P. O. BOX 2065 A * AC
NEW BERN 28560 919 633-5057

BELL, WILLIAM OSGOOD NS 034
BOWMAN GRAY,
DEPT.OF NEUROSURG. A AC
WINSTON-SALEM 27103 919 748-4047

BELL, WILLIS HARVEY, II IM /PUD 032
2027 WAWA AVENUE A RT
DURHAM 27707 919 493-1048

BELLAMY, WILLIAM EDWARD, JR. IM /PUD 092
3101 ESSEX CIRCLE A P AC
RALEIGH 27608 919 782-2631

BELLOWS, ROWLAND THOMPSON NS 060
3529 PARK ROAD A L/RT
CHARLOTTE 28209

BENBOW, EDWARD PERRY, JR. PD 041
PO BOX 339 A L
ORIENTAL 28571 919 299-7057

BENBOW, JOHN MILLER PD 013
40 ARDSLEY AVENUE, N.E. AC
CONCORD 28025 704 786-1144

†BENDER, JOHN JOSEPH GP 078
P. O. BOX 630 A L
DECEASED -- 5-18-86
RED SPRINGS 28377 919 843-4228

BENDER, NEIL CARMICHAEL IM 025
P. O. BOX 68 A * AC
POLLOCKSVILLE 28573 919 633-1010

BENEDUM, JOHN LOYLE IM 060
2542 VALENCIA TERRACE A AC
CHARLOTTE 28226 704 364-7037

BENJAMIN, EUGENE E. N 060
2115 E. 7TH ST., SUITE #101 A R
CHARLOTTE 28204

BENJAMIN, SANFORD PHILIP PTH /CLP 060
5623 MCALPINE FARM ROAD A AC
CHARLOTTE 28226 704 379-5982

BENNETT, CRAIG RANDALL ORS 097
1322 BRIARWOOD RD.NE,APT. H-11 A P R
ATLANTA, GA 30319 404 653-4000

BENNETT, ERNEST CLAXTON GP 009
P. O. BOX 667 A L
ELIZABETHTOWN 28337 919 866-4319

BENNETT, HERRON KENT OBG 040
P. O. BOX 5128 A AC
HIGH POINT 27262 919 887-3011

BENNETT, JOHN JOE GP /OM 025
102 GIBBS ROAD AC
NEW BERN 28560 919 633-0709

BENNETT, JOHN NORTHWOOD R 097
ROUTE #1, BOX 96 A P * AC
MORAVIAN FALLS 28654 919 838-3896

BENNETT, LAWRENCE NORTHWOOD DR 097
211 MAUTILUS ST. #4 A P R
MADISON, WI 53705 608 238-6844

BENNETT, PAUL CLIFFORD, JR. FP 096
2400 WAYNE MEM. DR., STE. B AC
GOLDSBORO 27530 919 735-1251

BENNETT, WILLIAM TYSON CD /IM 060
BENNETT CARDIAC CTR. AC
3626 LATROBE DR.
CHARLOTTE 28211 704 372-8750

BENSEN, VLADIMIR BASIL FP /GS 092
422 ST.MARY'S STREET A L
RALEIGH 27605 919 832-6855

BENSON, JOHN DEWITT PTH 092
4420 LAKE BOONE TRAIL A AC
RALEIGH 27607 919 755-3040

BENSON, JOHN FISHER RHU /IM 040
318 WESTWOOD AVENUE A AC
HIGH POINT 27262 919 882-2515

BENSON, NICHOLAS HEROD EM 074
1309 FANTASIA STREET A P AC
GREENVILLE 27834 919 757-4757

BENTLEY, RALPH LUTHER PD 049
332 N. CENTER STREET A AC
STATESVILLE 28677 704 878-2011

BENTON, THOMAS WYATT 032
100 BAYWOOD PLACE A R
CHAPEL HILL 27514 919 929-9509

BENTSEN, BIRGER STEVEN 032
PO BOX 1323 A R
CHAPEL HILL 27514 919 942-8226

BENTZEL, CARL JOHAN IM /NEP 074
ECU DEPT. OF RENAL MED. A AC
GREENVILLE 27834 919 757-2545

BERGANT, JAMES ALLEN U 032
2609 N. DUKE ST., SUITE 302 A AC
DURHAM 27704 919 471-8423

BERGER, BRUCE R. CHP /P 074
ECU, DEPT. OF PSY, BRODY BLDG. A AC
GREENVILLE 27834 919 757-2660

BERGER, FREDERICK ALLEN PD 056
28 RIVERVIEW STREET, #114 AC
FRANKLIN 28734 704 524-8474

BERGER, GARY STERLING OBG /PH 032
109 CONNER DR., STE. 2104 A AC
CHAPEL HILL 27514 919 968-4656

BERGERON, JOSEPH CHARLES, JR. PTH 098
102 WILSHIRE BOULEVARD A P * AC
WILSON 27893 919 399-8114

BERKELEY, SCOTT BRUCE, JR. GS 096
2400 WAYNE MEM. DR. STE. E A AC
GOLDSBORO 27530 919 735-6021

BERKEY, WILLIAM SALDERUS, JR FP 011
P. O. BOX 786 A AC
SKYLAND 28776 704 684-7801

BERKOWITZ, GERALD PHILLIP PD /NPM 060
200 HAWTHORNE LANE A AC
P. O. BOX 33549
CHARLOTTE 28233 704 371-4025

BERNE, FREEMAN ALBERT DR 078
P. O. DRAWER 1527 A P * AC
LUMBERTON 28358 919 738-8222

BERNER, THOMAS EM 011
23 PARK ROAD AC
ASHEVILLE 28803 704 274-3592

BERNSTEIN, DANIEL OPH 091
MEDICAL SERVICE BLDG. A P AC
RUIN CREEK ROAD
HENDERSON 27536 919 492-8021

BERNSTEIN, ROSLYN JULIE IM 032
4617 HOPE VALLEY RD., APT. H A R
DURHAM 27707

BERRETTA, JEANNE SMITH FP 074
PO BOX 1846 A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-4611

BERRY, FRANCIS XAVIER OBG 041
1208 COLONIAL AVE. L/RT
GREENSBORO 27408 919 272-2155

BERRY, WILLIAM ROSSER ON /HEM 092
3803 COMPUTER DR., STE. 200 A AC
RALEIGH 27609 919 781-7070

BERRYHILL, BRUCE HOLT OTO 060
1600 E. THIRD STREET A P AC
CHARLOTTE 28204 704 372-3300

BERTLING, MARION HENRY GYN 041
2312 PRINCESS ANN STREET A L
GREENSBORO 27408 919 288-6344

BERTRAND, MARGARET LINS DR 041
2214 PINECREST A AC
GREENSBORO 27403 919 379-0941

BERTRAND, SCOTT ALAN AN 041
PO BOX 10373 A P AC
GREENSBORO 27404 919 373-0372

BEST, ANDREW ARTHUR FP 074
P. O. BOX 949 A AC
GREENVILLE 27834 919 752-2129

BEST, DAVID CHARLES PS /HS 041
600-B PASTEUR DRIVE A AC
GREENSBORO 27403 919 852-0300

BEST, DELEON EDWARD GP 096
1504 E. MULBERRY ST. A L
GOLDSBORO 27530 919 734-2069

BEST, JAMES ERNEST PD /ADL 041
600 PASTEUR DRIVE A AC
GREENSBORO 27403 919 299-8046

BETHEL, MILLARD BAIMBRIDGE PH 092
25 BANBURY LANE A L/RT
CHAPEL HILL 27514 919 929-5606

BETTS, CHARLES SAMUEL IM 076
220-A FOUST STREET A AC
ASHEBORO 27203 919 629-7710

BETTS, WILMER CONRAD P 092
3125 GLENWOOD PROF. VILLAGE A AC
RALEIGH 27608 919 782-0166

BEVIN, ABNER GRISWOLD, JR PS /GS 032
UNC, DIV. OF PLASTIC SURGERY A AC
CHAPEL HILL 27514 919 966-4446

BEVIS, CHARLES ALAN ORS 049
1835 DAVIE AVE., STE. 415 AC
STATESVILLE 28677 704 872-7676

BEY, RICHARD DOUD N 034
160 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-5834

BEYER, ALFRED JAMES GS 026
521 BEAUMONT ROAD AC
FAYETTEVILLE 28304 919 483-5031

BEYER, CATHERINE HERLIHY PD 026
1213 WALTER REED ROAD AC
FAYETTEVILLE 28305

BHOTIWIHOK, PREECHA AN 054
P. O. BOX 1043 A P * AC
KINSTON 28501 919 522-7800

BIANCHI, EDGARDO HUGO CD /IM 067
1703 COUNTRY CLUB RD. STE. 202 A AC
JACKSONVILLE 28540 919 455-9600

BICKET, DAPHNE PATRICIA 034
2318-C ARDMORE TERRACE A S
WINSTON-SALEM 27103 919 723-4862

BICKLEY, SAMUEL TAYLOR FP 040
P. O. BOX 5168 A P * AC
HIGH POINT 27262 919 885-2118

BICKSTON, STEPHEN JOSEPH 032
#73 HAMILTON ROAD A S
CHAPEL HILL 27514 919 933-3027

BIEHLER, DARREN FOSTER 032
108-A ESTES DR. A S
CARRBORO 27510 919 942-9519

BIESECKER, GARY LEROY GS 040
624 QUAKER LN., STE. C-101 A P AC
HIGH POINT 27262 919 883-1348

BIGGERS, DAVID CARL PTH 011
MEMORIAL MISSION HOSPITAL A AC
ASHEVILLE 28801 704 255-4270

BIGGERS, WILLIAM PAUL OTO /A 032
610 BURNETT-WOMACK 229-H AC
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514 919 966-3341

BIGGS, JOHN IRVIN ORS 078
1406 N. ELM ST. A L/RT
PO BOX 1004
LUMBERTON 28358 919 739-6093

BIGHAM, ROY STINSON, JR. IM 060
4000 MCKEE ROAD A L/RT
MATTHEWS 28105 704 846-2233

BILBREY, GEORGE MARVIN, JR CDS /TS 011
257 MCDOWELL STREET A P AC
ASHEVILLE 28803 704 258-1121

BILBRO, ROBERT HODGES IM /CD 092
3521 HAWORTH DR. A AC
RALEIGH 27609 919 782-1806

BILLINGS, JACK SMITH FP 034
540 HOLMES DRIVE A AC
RURAL HALL 27045 919 969-9158

BILLMIRE, KAREN LEIGH 032
ROUTE #5, BOX 110 A R
PITTSBORO 27312 919 966-5711

BINDER, GEORGE ARTHUR R 026
401 LAKESHORE DR. A AC
FAYETTEVILLE 28305 919 484-4028

BINION, GERALD RAY OBG 023
110 W. GROVER STREET A AC
SHELBY 28150 704 487-5258

BINION, MARK LEE 074
106 SCALES PL., APT. A-7 A S
GREENVILLE 27834 919 758-9438

BIRD, IGNACIO R 041
207 HOMEWOOD AVENUE A L/RT
GREENSBORO 27403 919 299-8319

BIRMINGHAM, LORRAINE FAITH FP 032
5035 HADRIAN DR. A R
DURHAM 27703 919 596-0430

BISHOP, JOHN MASON, JR. OBG 092
2800 BLUE RIDGE BLVD. STE. 206 AC
RALEIGH 27607 919 781-7450

BISHOP, PATTE JAYNE PDS 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-4502

BISHOPRIC, ALICE OBG 018
1205 N. CENTER STREET P AC
HICKORY 28601 704 328-2901

BISSRAM, GANESH ORS 042
1062 E. TENTH ST. P AC
ROANOKE RAPIDS 27870 919 535-3091

BITTER, KARL FFOLLIOTT U 011
1 DOCTOR'S PARK A AC
ASHEVILLE 28801 704 253-5314

BITTINGER, ISABEL ORS 034
118 S. CHERRY ST., A L
PO BOX 10668
WINSTON-SALEM 27108 919 725-0656

BIZZELL, JAMES EUSTACE, II 032
1410 FOUNTAIN VIEW #101 A R
HOUSTON, TX 77057 713 784-6504

BIZZELL, JAMES W. OPH 096
PO BOX 10157 A AC
GOLDSBORO 27532 919 734-1964

BLACK, EDWARD BARNWELL R 060
3535 RANDOLPH RD.,STE 102 A AC
CHARLOTTE 28211 704 365-0343

BLACK, JAMES FRANKLIN OBG 029
7 MEDICAL PARK DRIVE A AC
LEXINGTON 27292 704 243-2431

BLACK, JAMES HAMPTON IM /NEP 060
125 BALDWIN AVE. A * AC
CHARLOTTE 28204 704 374-1696

BLACK, JOHN ALEXANDER R 065
2206 LYNNWOOD DR. A AC
WILMINGTON 28403 919 343-7000

BLACK, JOHN RILEY, JR. PH 024
P. O. BOX 810 L
WHITEVILLE 28472 919 642-8061

BLACK, KYLE EMERSON GS 080
825 W. HENDERSON STREET A L
SALISBURY 28144 704 636-5510

BLACK, PAUL ADRIAN L. OALR/OPH 065
5553 OLEANDER DRIVE A L
WILMINGTON NC 28403 919 799-2226

BLACK, WINSEL O'NEAL GP 080
601 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 633-5048

BLACKBURN, ROBERT ALFRED OTO 026
3425 MELROSE ROAD AC
FAYETTEVILLE 28304 919 485-7181

BLACKBURN, THOMAS REID DR 023
PO BOX 1148 A P * AC
SHELBY 28150 704 487-3141

BLACKERBY, JAMES GP 025
1807 TRYON ROAD A AC
NEW BERN 28560 919 637-3424

BLACKERBY, JAMES NICHOLAS GS 025
800 HOSPITAL DR. AC
NEW BERN 28560 919 633-2081

BLACKLEY, ROY JACKSON P/GPM 092
325 N. SALISBURY STREET AC
RALEIGH 27611 919 733-6523

BLACKLEY, WILLIAM J. FP 086
LILA SWAIM PK. RD.,RT. #2 A AC
JONESVILLE 28642 919 835-6300

BLACKMAN, JESSE AYCOCK GP 096
109 S. SYCAMORE STREET AC
FREMONT 27830 919 242-6171

BLACKMON, BRUCE BERNARD FP 043
P. O. BOX 8 A P * AC
BUIES CREEK 27506 919 893-3543

BLACKMON, EDWARD BARTON, JR. OBG 026
1219 WALTER REED RD. A AC
FAYETTEVILLE 28304 919 323-2103

BLACKWELL, BRUCE WAYNE FP 026
1601-B OWEN DR. A AC
FAYETTEVILLE 28304 919 323-1152

BLACKWELL, OSCAR MOORE, III IM /BE 029
309 PINEYWOOD ROAD A AC
THOMASVILLE 27360 919 475-8121

BLAIR, GEORGE WALKER, JR. IM 001
711 HERMITAGE ROAD A P AC
BURLINGTON 27215 919 226-9317

BLAIR, JAMES SEABORN, JR. FP 031
400 E. MAIN STREET A AC
WALLACE 28466 919 285-2134

BLAIR, ROBERT GILLESPIE, JR. ORS 025
P. O. DRAWER 1694 A AC
NEW BERN 28560 919 633-4477

BLAKE, DAMON DALTON TR 034
BOWMAN GRAY SCH. OF MED. A AC
WINSTON-SALEM 27103 919 748-4981

BLAKE, GERALD WAYNE IM /ID 092
3521 HAWORTH DR. AC
RALEIGH 27609 919 782-1806

BLAKE, JOHN PAUL P 001
723 EDITH STREET A AC
BURLINGTON 27215 919 227-9818

BLAKE, ROBERT ADAMS ORS 036
902-D COX ROAD A AC
GASTONIA 28054 704 864-6723

BLAKELY, GENE THORNTON GS 045
MARGARET PARDEE HOSPITAL A AC
HENDERSONVILLE 28739 704 693-6522

BLAKEMORE, WILLIAM STEPHEN OPH 021
102 W. EDEN STREET A AC
EDENTON 27932 919 482-7471

BLALOCK, FLOYD ESTON, JR. FP /GP 020
VALLEY RIVER CLINIC A AC
ANDREWS 28901 704 321-4510

BLANCHAT, TIMOTHY JOSEPH IM 018
11 13TH AVENUE, N. E. A AC
HICKORY 28601 704 322-3541

BLANCHET, GARRETT HOAG FP 061
320 PENSACOLA ROAD AC
BURNSVILLE 28714 704 682-9121

BLAND, RALPH WINGATE GS /TS 096
2400 WAYNE MEMORIAL DR. STE. J A P AC
GOLDSBORO 27530 919 734-5010

BLAND, WILLIAM HERBERT FP 092
1000 VICKIE DRIVE AC
CARY 27511 919 467-9514

BLAYLOCK, RUSSELL LANE NS 040
P. O. BOX 5388 * AC
HIGH POINT 27262 919 889-4810

BLEVINS, VIRGINIA KAY IM 034
250 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-4730

BLEYNAT, MICHELLE LOUISE 032
207 SUMMERWALK CIRCLE A S
CHAPEL HILL 27514 919 929-7746

BLIEVERNICHT, STEPHEN WALDO GS 041
1014 PROFESSIONAL VILLAGE P AC
GREENSBORO 27401 919 373-1078

BLOMELEY, CHARLES PERRY FP 075
P. O. BOX 667 A AC
COLUMBUS 28722 704 894-8213

BLOMGREN, PETER FREDERICK FP 041
317 W. WENDOVER AVE. AC
GREENSBORO 27408 919 373-1794

BLOMQUIST, GUSTAV ARTHUR, JR. PS 041
1409 PEMBROKE RD., STE. 303 AC
GREENSBORO 27408 919 275-1111

BLOOMFIELD, ROBERT LEE IM 034
741 HIGHLAND AVENUE A AC
WINSTON-SALEM 27101 919 727-8165

BLOUNT, ALVIN VINCENT, JR. GS 041
PO BOX 20523 AC
GREENSBORO 27420 919 274-7619

BLOUNT, CHARLES WHITNER, JR. FP 060
6708 ALBEMARLE ROAD AC
CHARLOTTE 28212 704 536-4903

BLOUNT, FREDERICK ALEXANDER PD 034
2390 COLISEUM DRIVE A L/RT
WINSTON-SALEM 27106 919 724-3072

BLOUNT, JOHN MYERS, III FP /OM 080
130 WOODSON ST. A P * AC
SALISBURY 28144 704 637-3207

BLOWE, RALPH BOYD, SR. FP 042
10 WEST 6TH STREET A L
WELDON 27890 919 536-3820

BLUE, DANIEL WILLIAM AN 060
10009 PINEVILLE--MATTHEWS RD. A AC
MATTHEWS 28105 704 375-6792

BLUE, JOHN FREDERICK FP 053
P. O. BOX 820 A AC
SANFORD 27330 919 775-7522

BLUM, JEFFREY CLARK DR /IM 013
130 LAKE CONCORD ROAD, NE A P AC
P. O. BOX 3345
CONCORD 28025 704 788-4130

BLUMENTHAL, BARRY HOWARD P 092
3125 GLENWOOD PROF. VILLAGE AC
RALEIGH 27608 919 782-0166

BLYTHE, WILLIAM BREVARD IM /NEP 032
UNC, DEPT. OF MEDICINE AC
CHAPEL HILL 27514 919 966-2565

BOARD, ROBERT JEFFREY OPH 092
3320 EXECUTIVE DR. STE. 111 AC
RALEIGH 27609 919 876-2427

BOAT, THOMAS FREDERICK PD /PUD 032
2025 S. LAKESHORE DRIVE A AC
CHAPEL HILL 27514 919 966-4427

BOATRIGHT, JAMES RICHARD HS /ORS 060
1822 BRUNSWICK AVENUE A P AC
CHARLOTTE 28207 704 373-0544

BOBBITT, JAMES DANIEL OPH 013
33 LAKE CONCORD ROAD, N.E. AC
CONCORD 28025 704 786-2015

BODNER, WILLIAM RAYMOND, JR. P 041
606 WALTER REED DR. A AC
GREENSBORO 27403 919 299-0107

BOEHM, O. ROBERT A/IM 060
1012 KINGS DR., STE. 302 AC
CHARLOTTE 28283 704 332-7731

BOER, HENRY R. NPM /PD 041
3036 LAKE FOREST DR. AC
GREENSBORO 27408 919 282-2360

BOERNER, DAVID FRANKLIN IM /PUD 092
3100 BLUE RIDGE RD.STE. 300 A P AC
RALEIGH 27612 919 781-7500

BOERNER, ROBERT MARTIN ID /PUD 011
520 BILTMORE AVENUE A P * AC
ASHEVILLE 28801 704 254-5932

BOGARD, ANN QUINN OTO 034
1901 S.HAWTHORNE RD.,STE. 240 A AC
WINSTON-SALEM 27103 919 768-1308

BOGARD, TERRENCE DALE AN 034
3431 PENNINGTON LANE A P AC
WINSTON-SALEM 27106 919 760-3954

BOGGS, LAWRENCE KENNEDY U 060
1012 KINGS DRIVE A P AC
CHARLOTTE 28283 704 333-3825

BOHNSACK, MICHAEL ROBERT AN 098
3305 MILLBROOK DR. A AC
WILSON 27893 919 291-1700

BOKESCH, CHARLES RICHARD CD /IM 086
P. O. BOX 1547 A AC
MOUNT AIRY 27030 919 786-6146

BOLDING, WILLIAM ROBERT AN 092
2032 THORPSHIRE DR. A AC
RALEIGH 27609 919 755-8000

BOLESTA, MICHAEL JOSEPH ORS 032
BOX 3000, DUMC A R
DURHAM 27710 919 684-8111

BOLICK, CHARLES ARTHUR 032
901-A N. GREENSBORO ST. A S
CARRBORO 27510 919 929-6342

BOLLINGER, RALPH RANDAL GS /IG 032
BOX 2910, DUKE HOSPITAL A * AC
DURHAM 27710 919 684-5209

BOLON, CHARLES GORDON OBG /OBS 060
2711 RANDOLPH RD., STE. 512 AC
CHARLOTTE 28207 704 333-4104

BOLSTAD, KARL EDWARD ORS 029
11 MEDICAL PARK DR. A P AC
LEXINGTON 27292 919 249-2978

BOLZ, EVERETT ARTHUR OTO 060
1350 KINGS DRIVE A P AC
CHARLOTTE 28207 704 372-8750

BOMBATEPE, VAMIK FP 096
204 N. HERMAN STREET AC
GOLDSBORO 27530 919 735-7580

BOMBENGER, JAMES JOHN PUD /IM 023
ROUTE #3, BOX 774-B P AC
CONNELLY SPRINGS 28612 704 324-8401

BOMBERG, ROBERT BRYAN IM 032
2609 N. DUKE STREET AC
DURHAM 27704 919 471-8446

BOND, EDWARD GRIFFITH IM /CD 021
CHOWAN MEDICAL CENTER A P * AC
EDENTON 27932 919 482-2116

BOND, JOHN LAWRENCE, JR. GS /OM 097
P. O. BOX 1128 A P AC
N. WILKESBORO 28659 919 838-4789

BOND, JOHN PENNINGTON GS 036
1806 FAIRFIELD DRIVE A L/RT
GASTONIA 28054 704 865-0154

BOND, PAMELA EATON 032
806 DEMERIUS ST., APT. T5 A S
DURHAM 27701 919 682-6097

BOND, VERNARD FRANKLIN, JR. IM /CD 034
2240 CLOVERDALE AVE., STE. 215 A AC
WINSTON-SALEM 27103 919 724-0181

BONDURANT, STUART IM 032
UNC, 125 MACNIDER BLDG. A AC
CHAPEL HILL 27514 919 966-4161

BONGARDT, HENRY F., JR. IM /A 060
7234 LANCER DRIVE A AC
CHARLOTTE 28226 704 364-6812

BONNER, JACK WILBUR,III P 011
BOX 1101, HIGHLAND HOSPITAL A P * AC
ASHEVILLE 28802 704 254-3201

BONNER, MERLE DUMONT PUD /A 041
MEADOWBROOK TERRACE A L/RT
1915 BOULEVARD ST.
GREENSBORO 27407 919 854-0947

BONNER, STEVEN PAUL FP 060
6721 KNIGHTSWOOD DR. P AC
CHARLOTTE 28226 704 663-0261

BONNIN, IRVIN RAYMOND OBG 036
1225 E. GARRISON BOULEVARD AC
GASTONIA 28054 704 867-7226

BOOKER, JOHN PARKS, JR. DR 018
P. O. BOX 308 A AC
HICKORY 28601 704 322-2644

BOONE, EDWARD EVERETT IM 018
ROUTE #2, BOX 199 A AC
CONOVER 28613 704 322-1128

BOONE, JOHN WOODIE, JR. FP 042
120 PROFESSIONAL DRIVE AC
ROANOKE RAPIDS 27870 919 537-9176

BOONE, JOY LOUISE FP 008
1104 W. MAIN ST. A R
WILLIAMSTON 27892 919 792-6535

BOONE, STEPHEN CHRISTOPHER NS /EM 092
3009 NEW BERN AVE. A AC
PO BOX 14027
RALEIGH 27620 919 832-4448

BORCHERT, LYNN GORDON GYN 074
1705 W. SIXTH ST. BLDG B P AC
GREENVILLE 27834 919 752-0973

BORDEN, RICHARD WINSTEAD GP 016
3108 ARENDELL ST. AC
MOREHEAD CITY 28557 919 726-3127

BORDER, CLINTON LARRY, JR. GS 044
P. O. BOX 538 A RT
WAYNESVILLE 28786 704 452-4500

BOS, JOHN FREMONT PTH /CLP 060
P. O. BOX 220349 A AC
CHARLOTTE 28222 704 366-6752

BOSKEN, DONALD WILLIAM FP 029
400 RANDOLPH ROAD AC
THOMASVILLE 27360 919 475-7163

BOSLEY, PATIENCE ELIZABETH 074
213-B STANCILL DR. A S
GREENVILLE 27834 919 758-3590

BOSSE, HELEN HALL AN 092
P. O. BOX 10502 A AC
RALEIGH 27605 919 733-2732

BOSSEN, EDWARD HECHT PTH 032
BOX 3712, DUMC A AC
DURHAM 27710 919 684-3300

BOST, WILLIAM STUART, JR. OTO 074
8 DOCTOR'S PARK A AC
PO BOX 5007
GREENVILLE 27834 919 752-5227

BOSTIC, WILLIAM CHIVOUS, III ORS 034
1425 PLAZA DRIVE AC
WINSTON-SALEM 27103 919 768-1270

BOSWELL, JOHN IVERSON, JR. CHP /P 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-2025

BOTERO, ERNESTO MIGUEL NS 041
200 E. NORTHWOOD ST. STE. 504 * AC
GREENSBORO 27401 919 272-4578

BOTROS, SHERIF BOTROS OTO 065
1626 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 762-0234

BOTWRIGHT, GENE ROBERT, JR. 074
R-10 DOCTOR'S PARK APTS. A S
GREENVILLE 27834 919 830-1710

BOUNOUS, JUDITH FRANCES EM /PD 070
2082 RIVERSHORE ROAD AC
ELIZABETH CITY 27909 919 335-1003

BOURGEOIS, JOHN ELLIOTT OPH 060
1600 E. THIRD ST. A AC
CHARLOTTE 28207 704 372-3300

BOUZIGARD, RAY JOSEPH R/TR 054
KINSTON CLI., NORTH,
DOCTORS DR. A AC
KINSTON 28501 919 527-7077

BOWEN, BENJAMIN CURETON FP 049
PO BOX 1460 AC
STATESVILLE 28677 704 878-2011

BOWEN, EDWYN TAYLOR, JR PD 034
3001 MAPLEWOOD AVENUE AC
WINSTON-SALEM 27103 919 765-9170

BOWEN, J. HARTLEY, III PTH 012
208 CAMELOT DRIVE AC
MORGANTON 28655 704 438-2254

BOWEN, JOHN HENRY FP /GP 014
912 CONNELLY SPRINGS ROAD AC
P. O. BOX 1014
LENOIR 28645 704 728-8224

BOWEN, MICHAEL LYNN FP 098
P. O. BOX 310 A * AC
STANTONSBURG 27883 919 238-2101

BOWER, STEPHEN LEE DR 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 773-3874

BOWERS, SCOTT P. OPH 098
#5 SILVER LAKE VILLAS A * AC
WILSON 27893 919 291-1300

BOWERS, WILLIAM HAMPTON ORS /HS 011
34 GRANBY STREET A P AC
ASHEVILLE 28801 704 258-0847

BOWES, WATSON ALLEN, III 032
38-A DAVIE CIRCLE A S
CHAPEL HILL 27514 919 942-6988

BOWLES, FRANCIS NORMAN OBG 032
1019 FISH CROW ROAD A L/RT
SANIBEL, FL 33957 813 472-4436

BOWLES, RICHARD MORGAN PD 023
101 GROVER STREET A AC
SHELBY 28150 704 482-1435

BOWLING, RICHARD FRANKLIN GS /TS 023
P. O. BOX 638 A AC
SHELBY 28150 704 487-8591

BOWMAN, CHRIS RICHARDS 074
ROUTE #5, BOX 546-B A S
GREENVILLE 27834 919 758-6437

BOWMAN, JAMES FREDERICK ORS 074
117 MEDICAL DRIVE A P AC
GREENVILLE 27834 919 758-1777

BOWMAN, JAMES THOMAS FP 097
1348, 702 THIRTEENTH ST. AC
NORTH WILKESBORO 28659 919 696-5586

BOWMAN, KAROLEN CHURCH PD 097
702 THIRTEENTH STREET AC
NORTH WILKESBORO 28659 919 667-5296

BOWMAN, WILLIAM EDMUND, JR. GS /CDS 041
344 N. ELM STREET A * AC
GREENSBORO 27401 919 275-9554

BOWMAN, ZEBULON LYNN OPH 001
914 S. FIFTH ST. A AC
MEBANE 27302 919 563-1900

BOWYER, ALLEN FRANK CD 074
ECU SCHOOL OF MEDICINE AC
GREENVILLE 27834 919 757-4651

BOX, PATRICK RHU /IM 060
2310 RANDOLPH ROAD A P AC
CHARLOTTE 28207

BOYCE, OREN DOUGLAS IM /HYP 036
406 S. CHESTER STREET A P L
GASTONIA 28052 704 865-3181

BOYCE, WILLIAM HENRY U 034
BOWMAN GRAY SCH. OF MED. A AC
WINSTON-SALEM 27103 919 748-4131

BOYD, BASIL MANLY, JR. ORS 060
1822 BRUNSWICK AVENUE A P * AC
CHARLOTTE 28207 704 373-0544

BOYD, DEBORAH DAETWYLER GS 098
601 S. CLYDE AVE. A AC
WILSON 27893 919 291-7001

BOYD, ELLEN PD 011
131 MCDOWELL STREET AC
ASHEVILLE 28801 704 254-4337

BOYD, JAMES FRANCIS IM /ON 060
125 BALDWIN AVE. A AC
CHARLOTTE 28204 704 374-1696

BOYD, JOSEPH ALSTON, JR. R 091
MARIA PARHAM HOSPITAL A P AC
HENDERSON 27536 919 438-4143

BOYD, RICHARD ARMISTEAD OBG 049
STATESVILLE MEDICAL GROUP A AC
PO BOX 1460
STATESVILLE 28677 704 878-2011

BOYD, WILLIAM MONROE, V 032
#1 SPRING GARDEN APTS. A S
CHAPEL HILL 27514 919 968-0106

BOYER, GEORGE NORMAN P 075
913 CAROLINA DRIVE A AC
TRYON 28782 704 433-2503

BOYER, JAY ALLEN DR 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

BOYETTE-KOURI, FRANCES 034
BOWMAN GRAY, BOX 190 A S
WINSTON-SALEM 27103 919 723-7169

BOYETTE, CHARLES OTIS FP 007
P. O. BOX 310 A P * AC
BELHAVEN 27810 919 943-2651

BOYETTE, DEANNA MARIE 074
DOCTORS PK, APT. R-3 A S
GREENVILLE 27834 919 758-5864

BOYETTE, DOUGLAS RAY CD /IM 023
808 SCHENCK STREET A P AC
SHELBY 28150 704 482-1482

BOYETTE, EDWARD LEE FP /CD 031
A * AC
CHINQUAPIN 28521 919 285-3481

BOYETTE, GRAY THOMAS IM /GE 034
2933 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 765-1640

BOYLES, LARRY WAYNE N/IM 018
420 N. CENTER ST. A AC
HICKORY 28601 704 327-9869

BOYLES, WAYNE FRANCIS FP 018
ROUTE #3, BOX 155 A AC
HICKORY 28601 704 327-4745

BOYLSTON, JAMES ALAN PTH 060
PRESBYTERIAN HOSP.-PTH A P AC
P. O. BOX 33549
CHARLOTTE 28233 704 371-4814

BOZYMSKI, EUGENE MICHAEL GE /IM 032
UNC, DEPT.OF MEDICINE * AC
324 CLINICAL SCI. BLDG. 229-H
CHAPEL HILL 27514 919 966-2511

BRAASCH, LESLEY KRIEGMAN PYA /P 032
4114 DEEPWOOD CIRCLE AC
DURHAM 27707 919 493-2217

BRABSON, JOHN ANDERSON GS /GYN 060
1900 RANDOLPH RD. STE. 1004 A L
CHARLOTTE 28207 704 333-0611

BRACKBILL, THOMAS ANDREW CD /CD 041
1011 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 272-6133

BRADFORD, ARTHUR LOUIS FP 078
123 E. BROAD STREET AC
ST. PAULS 28384 919 865-5170

BRADFORD, EDWARD AYERS IM 060
201 E. MATTHEWS STREET A AC
MATTHEWS 28105 704 365-0760

BRADFORD, JAMES HEDRICK CD /IM 049
1708-A DAVIE AVENUE AC
STATESVILLE 28677 704 873-1189

BRADFORD, SUSAN ELLEN PTH /CLP 054
1802 MARSHBURN CIRCLE A P AC
KINSTON 28501 919 522-7141

BRADFORD, WILLIAM STRONG GS 079
629 S. MAIN ST. A AC
REIDSVILLE 27320 919 349-4024

BRADFORD, WILLIAMSON Z., JR. OBG 060
150 PROVIDENCE ROAD A AC
CHARLOTTE 28204 704 377-0461

BRADLEY, BETTY BRUTON FP 009
P. O. BOX 998 A AC
BLADENBORO 28320 919 863-3138

BRADLEY, DON WAYNE FP 032
407 CRUTCHFIELD ST. AC
DURHAM 27704 919 471-4421

BRADLEY, GEORGE LEE, JR. GP /AM 036
800 E. FIRST STREET P AC
CHERRYVILLE 28021 704 435-4111

BRADLEY, HAROLD JOHN, JR. U 041
1409 PEMBROKE ROAD A AC
GREENSBORO 27408 919 378-9176

BRADLEY, HAROLD JOHN, SR. U 041
1409 PEMBROKE ROAD A L
GREENSBORO 27408 919 274-7624

BRADSHAW, PRESTON HATCHER, JR. U 092
1200 KERSHAW DR. A AC
RALEIGH 27609 919 876-4323

BRADSHER, ARTHUR BROWN GS 008
BERTIE COUNTY MEM. HOSPITAL A AC
WINDSOR 27983 919 794-4539

BRADSHER, JAMES DONALD GP 073
P. O. BOX 168 AC
ROXBORO 27573 919 599-2200

BRADY, WALTER MORRIS FP 016
#5 MEDICAL PARK A AC
MOREHEAD CITY 28557 919 726-8414

BRAILEY, RICHARD FREDERICK AN 095
ROUTE #3, OLD KELLER FARM A AC
BOONE 28607 704 264-9691

BRAME, ROBERT GRIFFIN OBG 074
DOCTOR'S PARK APTS. B-1 A * AC
GREENVILLE 27834 919 755-8535

BRAMLEY, MICHAEL LAIRD PD 074
1800 W. FIFTH STREET AC
GREENVILLE 27834 919 752-7141

BRANAMAN, GUY HEWITT, JR. GYN 092
915 WILLIAMSON DR. A L/RT
RALEIGH 27608 919 833-4080

BRANCH, CHARLES LEON, JR. NS 034
315 JANET ST. A R
WINSTON-SALEM 27104 919 768-7017

BRANCH, JAMES DAVID OPH 034
224 N. TRADE ST. A AC
WINSTON-SALEM 27101 919 723-0748

BRANDON, DANIEL EM 036
3028 MT. VERNON DRIVE A AC
GASTONIA 28054 704 866-2266

BRANDON, HENRY ALLEN, JR. IM 095
250 DOCTORS DRIVE A P AC
BOONE 28607 704 264-6362

BRANDSPIGEL, KARL NEP /IM 070
104 W. COLONIAL AVE. A AC
ELIZABETH CITY 27909 919 335-1083

BRANHAM, HENRY EZELL, JR. P/HYP 034
1409 PLAZA WEST RD., STE. E A P AC
WINSTON-SALEM 27103 919 768-9393

BRANNAN, WILLIAM CHESTER OBG 011
143 ASHELAND AVENUE A AC
ASHEVILLE 28801 704 258-9191

BRANTLEY, BERT ALTON, JR. ON 032
307 COLONY WOODS DRIVE AC
CHAPEL HILL 27514 919 684-2804

BRANTLEY, CHARLES KENNETH P 034
DOROTHEA DIX HOSPITAL A R
820 S. BOYLAN AVE.
RALEIGH 27611

BRANTLEY, INGRID JEAN CHP /P 032
3510 UNIVERSITY DRIVE AC
DURHAM 27707 919 489-1884

BRANTLEY, JULIAN CHISOLM, JR. GYN 064
1507 LAFAYETTE AVE. A L/RT
ROCKY MOUNT 27801 919 446-8434

BRANTLEY, JULIAN CHISOLM,III OBG 007
701 SHOREWOOD DRIVE A AC
WASHINGTON 27889 919 946-6544

BRANTLEY, JULIAN THWEATT OBG 041
1409 PEMBROKE RD., STE. 402 A AC
GREENSBORO 27408 919 273-4325

BRASHEAR, HARRY ROBERT, JR. ORS 032
N. C. MEMORIAL HOSPITAL A AC
CHAPEL HILL 27514 919 966-2030

BRASHEAR, RALPH GUY FP 092
P. O. BOX 827 A AC
WENDELL 27591 919 365-7366

BRASHER, BRUCE UMPERTO IM 031
PLAINVIEW HEALTH SERVICE AC
PO BOX 337
ROSE HILL 28458 919 289-3086

BRASWELL, WILLIAM KELLEY GS /TS 044
MIDWAY MEDICAL CENTER A * AC
P. O. BOX 1409
CANTON 28716 704 627-2211

BRATTON, TERESA SUE PDA /A 041
317 W. WENDOVER AVE. * AC
GREENSBORO 27408 919 275-1318

BRAUN, SIMON DAVID DR 032
824 SHADYLAWN RD A AC
CHAPEL HILL 27514 919 681-2711

BRAWLEY, BOBBY WATSON NS 060
1010 EDGEHILL RD, NORTH A AC
CHARLOTTE 28207 704 376-1605

BRAXTON, DORIS BLACKWELL PD /ADL 001
711 HERMITAGE ROAD A P AC
BURLINGTON 27215 919 229-5341

BRAZIL, WILBURN OSCAR, JR. U 011
100 VICTORIA ROAD AC
ASHEVILLE 28801 704 254-8883

BREAM, CHARLES ANTHONY DR 032
N. C. MEMORIAL HOSPITAL L
CHAPEL HILL 27514 919 966-1461

BREEDEN, THOMAS E. GYN /OBG 036
603 COX ROAD, ABERDEEN PLAZA AC
GASTONIA 28052 704 867-3551

BREMER, CHARLES CHRISTOPHER FP 074
317 PINEWOOD ROAD A AC
GREENVILLE 27834 919 756-7974

BRENIZER, ADDISON GORGAS, JR. GS /TS 060
1333 QUEENS ROAD A L
CHARLOTTE 28207 704 376-4942

BRENNER, WILLIAM EDWARD OBG /NPM 032
109 CONNER DR., STE. 2202 AC
CHAPEL HILL 27514 919 942-0011

BRENTON, BRADLEY CLARK DR 096
2700 MEDICAL OFFICE PLACE A AC
GOLDSBORO 27530 919 734-1866

BRESLIN, MARIANNE S. P/PYM 032
500 EASTOWNE DR., STE. 115 A AC
CHAPEL HILL 27514 919 493-2657

BRETT, CHARLES BURDEN PD 041
1307 W. WENDOVER AVENUE AC
GREENSBORO 27408 919 272-5189

BREWBAKER, STEPHEN LEWIS OBG 065
1912 TRADD COURT AC
WILMINGTON 28401 919 343-1113

BREWER, JAMES CHESTER, JR. FP 041
P. O. BOX 8248 A AC
GREENSBORO 27419 919 852-7618

BREWINGTON, THOMAS ELMER, JR. OPH 041
P. O. BOX 20346 AC
GREENSBORO 27420 919 272-5628

BREWSTER, VANN ALLEN OM 060
DUKE POWER COMPANY A AC
P. O. BOX 33189
CHARLOTTE 28242 704 373-6192

BREZINA, EDWARD SHARP, JR. OBG 098
1911 CANAL DRIVE A AC
WILSON 27893

BRICE, ROBERT SAMUEL, JR. GE /IM 034
1901 HAWTHORNE RD., STE. 310 A AC
WINSTON-SALEM 27103 919 760-4340

BRIDGER, DEWEY HERBERT, III 034
2518 WEYMOUTH ROAD A S
WINSTON-SALEM 27103 919 768-8964

BRIDGES, THOMAS HOWARD EM 023
P. O. BOX 1706 AC
SHELBY 28150 704 487-3134

BRIGGS, DOUGLAS MERRILL FP 023
1198 WYKE ROAD A P AC
SHELBY 28150 704 487-1148

BRIGGS, JOHN GLENN, JR. PS 026
1782 METRO MEDICAL DR. AC
FAYETTEVILLE 28304 919 323-1203

BRIGHT, DON CLARK AN 074
1705 W. SIXTH STREET A P AC
GREENVILLE 27834 919 752-2140

BRIGMAN, PAUL HAMER EM 040
2807 EARLHAM PLACE AC
HIGH POINT 27263 919 431-3875

BRINKHOUS, KENNETH MERLE PTH /HEM 032
UNC, DEPT.OF PATH., 228-H A P L
CHAPEL HILL 27514 919 966-1061

BRINKMAN, DENNIS MICHAEL AN 098
1203 GREENBRIAR COURT A AC
WILSON 27893 919 291-1700

BRINKMAN, LINDA EVES 074
10 PALMETTO PLACE A S
GREENVILLE 27834 919 355-6121

BRINTON, LEWIS FLOYD GS /GYN 049
603 E. CENTER AVE. A P AC
PO BOX 550
MOORESVILLE 28115 704 664-1414

BRISLEY, JON PHILIP 032
618-C HIBBARD DR. A S
CHAPEL HILL 27514 919 933-5874

BRITT, BENJAMIN EARL P 092
1004 DRESSER COURT, STE. 108 A AC
RALEIGH 27609 919 876-0287

BRITT, ROBERT CARL IM /PUD 032
1011 LAMOND AVENUE A AC
DURHAM 27701 919 682-5583

BRITT, SAMUEL EMERSON, II GS 078
295 W. 27TH ST. A AC
LUMBERTON 28358 919 738-8556

BRITT, TILMAN CARLISLE, JR. CD /IM 086
216 GRACE STREET AC
MOUNT AIRY 27030 919 786-5745

BRITTIAN, LOWELL ELLIS GP 060
1900 CLOISTER DRIVE AC
CHARLOTTE 28211 704 366-1809

BRITTON, BLOYCE HILL, JR. OTO /OT 034
BOWMAN GRAY, DEPT. OF OTO A AC
WINSTON-SALEM 27103 919 745-4161

BROADHEAD, WALTER EUGENE FP 000
PO DRAWER K AC
HIGHWAY 158 WEST
YANCYVILLE 27379 919 694-9331

BROADWELL, FREEMAN EDWARD, III 034
240-B NEW DR., APT. C A S
WINSTON-SALEM 27103 919 727-1075

BROCK, JULIAN STANLEY R 064
200 ENGLEWOOD DRIVE A L/RT
ROCKY MOUNT 27801 919 443-1353

BRODER, MICHAEL SYLVAN DR 029
207 OLD LEXINGTON ROAD A AC
THOMASVILLE 27360 919 472-2000

BRODEUR, DAVID 032
1505 DUKE UNIVERSITY RD.APT.5K A S
DURHAM 27701 919 493-6718

BRODIE, BRUCE ROGERS CD /IM 041
1409 PEMBROKE ROAD A P AC
GREENSBORO 27408 919 378-0774

BRODIE, HARLOW KEITH HAMMOND P 032
DUKE UNIV. ALLEN BLDG. RM 207 A AC
DURHAM 27706 919 684-3220

BROMBERG, PHILIP ALLAN IM /PUD 032
724 CLI. SCI. BLDG. 229-H AC
UNC, DIV. PULMONARY DISEASE
CHAPEL HILL 27514 919 966-2531

BROOKS, CHARLES MICHAEL OBG 054
KINSTON CLINIC NORTH A AC
DOCTORS DR., STE. E
KINSTON 28501

BROOKS, CLYDE LONG, JR. IM 032
934 HUNSWOOD LANE A R
CHARLOTTESVILLE, VA 22901 804 293-8569

BROOKS, JAMES TAYLOR IM 041
1100 N. ELM STREET A AC
GREENSBORO 27401 919 273-8658

BROOKS, JEAN BAILEY GYN 041
1100 N. ELM STREET A AC
GREENSBORO 27401 919 273-8658

BROOKS, JOHN IRVING, JR. IM 033
101 CLINIC DRIVE A * AC
TARBORO 27886 919 823-2105

BROOKS, MARTIN LUTHER GP 078
711 HIGHWAY E. A AC
P. O. BOX 37
PEMBROKE 28372 919 521-4221

BROOKS, RALPH ELBERT, JR. U 040
624 QUAKER LANE, SUITE D-100 A * AC
HIGH POINT 27262 919 886-5151

BROOKS, THOMAS WILLIAM, III R/NM 018
521 THIRD AVENUE, N.W. A AC
HICKORY 28601 704 322-2644

BROOKS, WILLIAM LESTER, JR. IM /RHU 060
1851 E. THIRD STREET A AC
CHARLOTTE 28204 704 333-4175

BROSKIE, NANCY ELAINE 032
10 MT. BOLUS RD. A S
CHAPEL HILL 27514 919 942-0827

BROSNAN, DENNIS WILLIAM, III OPH 011
2 DOCTOR'S PARK A AC
ASHEVILLE 28801 704 254-9693

BROWN, ALAN REID DR 044
105 TIMOTHY LANE A L/RT
WAYNESVILLE 28786 704 452-5578

BROWN, ALBERT BELMONT GYN 065
1615 DOCTOR'S CIR. A AC
WILMINGTON 28401 919 343-1122

BROWN, ANN CARLSON P/CHP 060
1900 RANDOLPH RD., STE. 900 AC
CHARLOTTE 28207 704 333-7722

BROWN, CHARLES WILLIAM GYN /OBS 060
2127 QUEENS ROAD, EAST A L/RT
CHARLOTTE 28207 704 333-9852

BROWN, DANIEL ELMER PD 092
3001 ESSEX CIRCLE A AC
RALEIGH 27608 919 782-0021

BROWN, DAVID WARREN IM 032
891 W. WILLOW DRIVE AC
CHAPEL HILL 27514 919 942-5123

BROWN, DONALD CLAUDE FP /GER 074
316 RUTLEDGE ROAD AC
GREENVILLE 27834 919 758-1418

BROWN, ERNEST HYDE, JR. OBG 078
4300 FAYETTEVILLE ROAD A AC
LUMBERTON 28358 919 738-9601

BROWN, FRANK MAC ORS 045
1027 FLEMING STREET AC
HENDERSONVILLE 28739 704 692-5781

BROWN, FRANK REID IM 041
1103 COUNTRY CLUB DRIVE A L/RT
GREENSBORO 27408 919 272-5048

BROWN, GEORGE WALLACE FP 044
102 BROWN AVENUE A * AC
HAZELWOOD 28738 704 456-6021

BROWN, HOWARD RICHARD ORS 032
BOX 31135, DUMC A R
DURHAM 27710 919 489-1169

BROWN, JAMES WALTER, JR. OTO /HNS 013
633 GRANDVIEW DR., NE A L
CONCORD 28025 704 786-3174

BROWN, JAY HOWARD JOEL AN 041
MOSES CONE HOSP.-ANES * AC
GREENSBORO 27401 919 379-4092

BROWN, KERMIT ENGLISH OBG 011
398 CHUNNS COVE ROAD A L/RT
ASHEVILLE 28805 704 252-5117

BROWN, MARTIN TODD OPH 032
28 GEORGETOWN COURT A S
DURHAM 27705 919 383-2927

BROWN, MICHAEL ASHLEY 074
114 FLETCHER PLACE A S
GREENVILLE 27834 919 758-3315

BROWN, PAUL EUGENE ORS 018
HICKORY ORTHOPAEDIC CTR. A P AC
250 18TH ST., NE
HICKORY 28601 704 322-5172

BROWN, ROBERT CALVIN CLP /PTH 041
1501 PEMBROKE ROAD A AC
GREENSBORO 27408 919 378-2809

BROWN, RONALD LAUCHLIN OBG 060
2711 RANDOLPH RD. STE. 305 AC
CHARLOTTE 28207 704 372-8020

BROWN, TERRY MICHAEL P 032
134 LOBLOLLY LANE A R
CHAPEL HILL 27514 919 967-2590

BROWN, THOMAS LAWRENCE OBG 034
145 AFTONSHIRE COURT AC
WINSTON-SALEM 27104 919 765-2802

BROWN, VASCUE O'NEIL P 060
3532 MOUNTAINBROOK ROAD A AC
CHARLOTTE 28210 704 553-1179

BROWN, WALTER JOHN PH 019
79 TRUNDLE RGE., FEARRINGTON A AC
PITTSBORO 27312 919 933-9331

BROWN, WILLIAM LEE IM 042
P. O. DRAWER 158 A AC
ROANOKE RAPIDS 27870 919 537-0135

BROWN, WILLIAM RAY, JR. HNS 034
2712 BARTRAM PLACE A AC
WINSTON-SALEM 27106 919 765-3750

BROWNLEE, ROBERT CALVIN PD 032
111 SILVER CEDAR COURT A AC
CHAPEL HILL 27514 919 929-0461

BRUBECK, ELLEN TEMPLE FP /GER 096
238 SMITH CHAPEL RD. A AC
MOUNT OLIVE 28365 919 658-4954

BRUCE, JAMES CRAWFORD IM /CD 041
1036 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 378-9180

BRUCH, RICHARD FRANKLIN ORS /GER 032
TRIANGLE ORTHOPAEDIC ASSOC. A P * AC
2609 N. DUKE STREET
DURHAM 27704 919 471-8431

BRUGGERS, BARRY ALAN OBG 092
121 EDINBURGH SOUTH, #103 P AC
CARY 27511 919 467-5941

BRUMBACK, GEORGE FRANKLIN OPH 041
348 N. ELM STREET A P AC
GREENSBORO 27401 919 274-4626

BRUNER, ROBERT KINCAID 034
1732 CAMDEN ROAD A S
WINSTON-SALEM 27103 919 723-5504

BRUSINO, FRANCIS GREGORY AN 032
3230-J MYRA ST. A R
DURHAM 27707 919 732-6455

BRUTON, HENRY DAVID PD 063
195 W. ILLINOIS AVE. A P * AC
SOUTHERN PINES 28387 919 692-2444

BRYAN, EDWIN LANCASTER IM /CD 041
200 E. NORTHWOOD STREET A P * AC
GREENSBORO 27401 919 274-7609

BRYAN, JAMES ALEXANDER, II IM /HEM 032
NC MEMORIAL HOSPITAL * AC
DEPT. OF MEDICINE
CHAPEL HILL 27514 919 966-2268

BRYAN, JOHN HUGH TR /HEM 026
DEPT. OF RADIATION, BOX 41208 A P AC
CAPE FEAR VALLEY MED. CTR.
FAYETTEVILLE 28304 919 323-6690

BRYAN, THOMAS RHUDY, JR. PD /OBS 097
MEDICAL ARTS BUILDING AC
P. O. BOX 1163
NORTH WILKESBORO 28659 919 838-2500

BRYAN, WILLIAM BLAIR PD 060
1700 ABBEY PLACE A AC
CHARLOTTE 28209 704 523-7232

BRYANT, JAMES EDWARD FP 064
P. O. BOX 589 A P AC
ROCKY MOUNT 27801 919 977-6701

BRYANT, JAMES EDWIN IM 086
P. O. BOX 68 AC
YADKINVILLE 27055 919 679-2041

BRYANT, WILLIAM FRANKLIN, JR. PD 060
1700 ABBEY PLACE A AC
CHARLOTTE 28209 704 523-7232

BUCHANAN, HARRY GLENN FP 061
203 BROAD STREET A AC
SPRUCE PINE 28777 704 765-7361

BUCHANAN, ROBERT A., JR. CD /IM 032
2609 N. DUKE ST., STE 403 A AC
DURHAM 27704 919 471-8441

BUCHIN, DAVID LEE EM /P 092
14212 CROSS CREEK ROAD AC
RALEIGH 27614 919 876-8333

BUCKALEW, VARDAMAN M., JR. NEP /IM 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-2062

BUCKLEY, EDWARD GEORGE OPH /PD 032
BOX 3802, DUKE EYE CENTER A * AC
DURHAM 27705 919 684-6084

BUCKWALTER, JOSEPH ADDISON GS 032
NCMH, DEPT. OF SURGERY A AC
CHAPEL HILL 27514 919 966-4220

BUFF, SAMUEL JOSEPH DR 025
P. O. BOX 2065 A AC
NEW BERN 28560 919 633-5057

BUFFONG, ERIC ARNOLD OBG /END 067
1703 COUNTRY CLUB RD.,STE.203 A AC
JACKSONVILLE 28540 919 346-2182

BUGG, CHARLES PAULETT PD 092
DIV. OF SOCIAL SERVICE-DDS AC
PO BOX 243
RALEIGH 27602 919 733-4484

BUGG, EVERETT IRVING, JR. ORS 032
RT. #2, BOX 143 A L
PITTSBORO 27312 919 286-1249

BUIE, RODERICK MARK, JR. IM /CD 041
101-F N. PARK DR. A AC
GREENSBORO 27401

BUJOLD, EDWARD JAMES FP 012
12 DUDLEY AVE. AC
GRANITE FALLS 28630 704 396-3168

BUKHARI, MUSHTAQ AHMAD GE /IM 012
DOCTOR'S CLINIC A AC
RUTHERFORD COLLEGE
VALDESE 28690 704 437-8314

BULLA, JEFFERSON DAVIS, II FP 001
780 WOODY DRIVE P AC
GRAHAM 27253 919 228-1354

BULLARD, DENNIS EUGENE NS 032
BOX 3128, DUMC A AC
DURHAM 27710 919 684-2766

BULLARD, HOKE VOGLER, JR. IM 098
WILSON CLINIC A * AC
WILSON 27893 919 291-7001

BULLINGTON, WALTER GRAHAM OPH /AM 060
4335 COLWICK RD. A P * AC
CHARLOTTE 28211 704 364-7400

BULLOCK, THURMAN MONROE, JR. FP /A 024
104 SEVENTH AVENUE A AC
CHADBOURN 28431 919 654-3143

BULLOCK, WILLIAM ROBERT IM /OM 060
217 TRAVIS AVENUE A AC
CHARLOTTE 28204 704 372-3350

BUMGARDNER, HEATH DENTON OBG 043
P. O. BOX 1261 AC
DUNN 28334 919 892-4131

BUMGARNER, JOHN HENRY AN /PUD 080
P. O. BOX 1735 A P AC
SALISBURY 28144 704 638-1000

BUMGARNER, JOHN REED CD /CD 041
338 N. ELM STREET A L
GREENSBORO 27401 919 373-1123

BUNCE, PAUL LESLIE U 032
ROUTE #7, BOX 646 L/RT
CHAPEL HILL 27514 919 933-8766

BUNDY, WILLIAM LUMSDEN IM /GP 097
DOCTORS BLDG. A L
PO BOX 786
N. WILKESBORO 28659 919 838-2442

BUNN, DAVID GLENN GP 024
EAST MAIN STREET AC
WHITEVILLE 28472 919 642-2016

BUNN, DAVID GLENN, JR. OBG 065
2215 CANTERWOOD DR. AC
WILMINGTON 28401 919 763-1031

BUONI, JOHN ORIANO OBG 013
1054 BURRAGE RD. A AC
CONCORD 28025 704 788-4151

BURAPAVONG, THAVIJ DAVID PS /GS 040
416 GATEWOOD AVENUE AC
HIGH POINT 27260 919 882-2531

BURBA, ALONZO RICHARD FP 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-1300

BURCH, LARRY THOMAS P 034
190 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-6930

BURCH, WILLIAM HOBART FP 045
BOX 285, ARCADE BLDG. A AC
LAKE LURE 28746 704 625-9121

BURCHEL, HAROLD CURTIS FP 029
201 W. HOLLY HILL ROAD A AC
THOMASVILLE 27360 919 475-2915

BURCHETTE, BRUCE WILSON 074
G-6 DOCTOR'S PARK APTS. A S
GREENVILLE 27834 919 758-6981

BURCHFIELD, WILLIAM JOHN OPH 013
500 LAKE CONCORD RD., NE A AC
CONCORD 28025 704 782-1127

BURDETTE, FRED MCPHERSON, JR. GP 010
1221 D COLUMBUS CIRCLE A L/RT
WILMINGTON 28403 919 457-6865

BURDICK, RICHARD LAWRENCE IM 098
1704 S. TARBORO ST. A AC
WILSON 27893 919 291-7001

BURGESS, GLENN NORMAN P 034
190 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-6930

BURGESS, WILLIAM PATRICK NEP /IM 060
928 BAXTER STREET A AC
CHARLOTTE 28204 704 374-1321

BURHANS, ROLLIN SCOFIELD, JR. GS 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

BURKART, THOMAS ELMA NEP 074
6 DOCTOR'S PARK A P * AC
GREENVILLE 27834 919 752-8880

BURKE, ANNETTE BLACKMON PD 078
4117 VANN DRIVE AC
LUMBERTON 28358 919 739-0243

BURKE, DAVID JOSEPH ORS 013
528 LAKE CONCORD ROAD, N. E. A P AC
CONCORD 28025 704 788-3155

BURKE, JAMES GILLUM ORS 086
414 W. LEBANON STREET A P AC
P. O. BOX 1544
MOUNT AIRY 27030 919 789-9041

BURKE, JAMES OTIS, JR. PD 029
8 MEDICAL PARK DRIVE AC
LEXINGTON 27292 704 249-4911

BURKE, JOSEPH ANTHONY R 078
4117 VANN DRIVE A AC
LUMBERTON 28358 919 276-2121

BURKHARDT, NATHAN LESLIE, JR. ORS 011
DOCTOR'S DRIVE A AC
ASHEVILLE 28801 704 254-9504

BURKHART, CECIL ROBERT PTH /CLP 079
1006 OAKCREST DRIVE A AC
REIDSVILLE 27320 919 349-8461

BURKHART, CHARLES ANDREW IM /GP 034
345 WESTVIEW DRIVE, S.W. A AC
WINSTON-SALEM 27104 919 761-1541

BURKHART, VERNON ANDERSON OM /IM 041
2700 W. MARKET ST. AC
GREENSBORO 27403

BURLESON, WILLIAM ROWELL U 078
101 WEST 27TH STREET A AC
LUMBERTON 28358 919 738-7166

BURNETT, ANTHONY THOMAS 074
RT. #4, BOX 62 A S
GREENVILLE 27834 919 758-4292

BURNETT, GORDON BERNARD P 032
BILLING ROAD A AC
ST. ANDREWS HOSPITAL
NORTHAMPTON, NN15DG ENG.

BURNETT, JOHN WESLEY, JR. FP 025
810 KENNEDY AVE. A AC
NEW BERN 28560 919 633-1678

BURNETTE, HOWARD OLSEN GP 076
108 N. COBLE STREET A RT
RANDLEMAN 27317 919 498-2500

BURNETTE, J. P. IM 098
ENGLEWOOD DR., KENLY CLI. A AC
KENLY 27542 919 284-5151

BURNEY, DONALD PATRICK CDS /TS 041
1317 N. ELM ST., STE. 1 A AC
GREENSBORO 27401 919 373-8245

BURNHAM, STEVEN JAMES GS 032
UNC DEPT. OF VS A AC
229-H CLINICAL SCIENCE BLDG.
CHAPEL HILL 27514 919 966-3391

BURNS, MARGARET VIRGINIA P 011
146 VICTORIA ROAD A L
ASHEVILLE 28801 704 254-4616

BURNS, STANLEY SHERMAN, JR. OTO 060
1600 E. THIRD STREET A AC
CHARLOTTE 28204 704 372-3300

BURNS, WALTER WOODROW, JR. GS 032
901 WILLOW DRIVE A * AC
CHAPEL HILL 27514 919 967-8258

BURQUEST, BRET P 060
9600 PINEVILLE-MATTHEWS RD. A AC
PO BOX 39
PINEVILLE 28134 704 541-0800

BURROUGHS, FRANKLIN DANFORD FP 070
P. O. BOX 248 A AC
HATTERAS 27943 919 986-2388

BURROUGHS, FREDERICK DOUGLAS PD 092
100 SUNNYBROOK ROAD, STE. 202 AC
RALEIGH 27610 919 821-3180

BURROUGHS, PAUL LEACH, JR. ORS 092
3410 EXECUTIVE DRIVE A P AC
RALEIGH 27609 919 872-5296

BURROUGHS, RUTH REUBEN PH /PD 092
6413 MARGATE COURT A RT
RALEIGH 27612 919 781-5015

BURROWS, WARREN BOOTH GS /HS 004
PO BOX 696 AC
WADESBORO 28170 704 694-2316

BURRUS, JAMES HENRY GYN 023
P. O. BOX 1256 A P AC
SHELBY 28150 704 482-2486

BURT, TERRENCE WILLIAM EM 011
405 WINDSWEPT DR. #703 AC
ASHEVILLE 28801 704 255-4032

BURTON, CLAUDE SHREVE,III D/IM 032
BOX 3511, DUMC AC
DURHAM 27710 919 684-5037

BURTON, EARL EDWARD, JR. D/IM 092
3900 BROWNING PLACE A * AC
RALEIGH 27609 919 782-2735

BURTON, HARRY G., III CDS /TS 011
257 MCDOWELL ST. A P AC
ASHEVILLE 28803 704 258-1121

BURTON, LEROY MELVIN IM 092
2 LYNN ROAD AC
RALEIGH 27609 919 821-1710

BURWELL, WALTER BRODIE IM 091
317 ORANGE STREET A P AC
HENDERSON 27536 919 438-5619

BUSBY, JULIAN GOODE, JR. OBG 040
307 N. LINDSAY ST. A AC
HIGH POINT 27260 919 885-0149

BUSBY, MERLE RUDY GS 080
901 W. HENDERSON STREET A AC
SALISBURY 28144 704 633-1581

BUSBY, TRENT GYN 080
901 W. HENDERSON STREET AC
SALISBURY 28144 704 633-1581

BUSBY, WILLIAM JARVIS ORS 029
105 PINEYWOOD ROAD AC
THOMASVILLE 27360 919 475-8141

BUSCH, JAMES R. PD 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-4370

BUSH, JANICE KAREN PD /ADL 032
137 ESSEX DR. A AC
CHAPEL HILL 27514 919 248-2459

BUSS, DAVID HUMPHREY PTH /HEM 034
237 GRANDVIEW DRIVE AC
WINSTON-SALEM 27104 919 748-2641

BUSSE, EWALD WILLIAM P/GER 032
BOX 2948, DUMC A P AC
DURHAM 27710 919 684-3416

BUSTARD, VICTOR WILLIAM OBG /GYN 025
1912 NEUSE BOULEVARD A AC
NEW BERN 28560 919 633-3339

BUTER, THOMAS HENRY ORS 060
120 PROVIDENCE ROAD A P AC
CHARLOTTE 28207 704 377-0351

BUTLER, CAREY JONES OTO 026
516 OWEN DRIVE A P AC
FAYETTEVILLE 28304 919 485-6101

BUTLER, FREDERICK CLARENCE, JR OPH 065
1915 GLEN MEADE ROAD A * AC
WILMINGTON 28403 919 763-3601

BUTLER, JAMES HILTON R 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 765-2702

BUTLER, LARRY STEPHEN OBG 053
331 CARTHAGE ST. P AC
SANFORD 27330 919 774-8761

BUTLER, RADFORD NORMAN IM 034
2240 CLOVERDALE AVE., STE. 206 A AC
WINSTON-SALEM 27103 919 725-7587

BUTLER, ROBERT HOYT GE 076
132 W. MILLER STREET A AC
ASHEBORO 27203 919 625-3218

BUTTERWORTH, JOHN F., IV AN 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-2439

BUTTS, JOHN DAVIS, JR. FOP 032
OFF.OF CHIEF MEDICAL EXAMINER AC
CHAPEL HILL 27514 919 966-2253

BYERLY, JAMES HAMPTON GP 053
P. O. BOX 340 A L
SANFORD 27330 919 775-5932

BYERLY, WESLEY GRIMES, JR. GS 018
24 SECOND AVENUE, N.E. A * AC
HICKORY 28601 704 328-2231

BYNUM, DONALD K., JR. ORS /HS 032
245 BURNETT-WOMACK 229-H A AC
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514 919 966-2030

BYNUM, ROBERT WILLIAM, IV NEP /IM 064
100 NASH MEDICAL ARTS MALL A P AC
ROCKY MOUNT 27801 919 443-9084

BYRD, CHARLES WILLIAM FP 043
P. O. BOX 698 A L/RT
DUNN 28334 919 892-2464

BYRD, KERRY WENDELL 034
152 CHARLESTOWNE CIRCLE A S
WINSTON-SALEM 27103 919 765-3033

BYRD, WILLIAM EUGENE RHU /IM 042
38 KING ST. AC
WELDON 27890 919 536-2131

BYRNE, JOHN JACOB AN 060
P. O. BOX 35169 A AC
CHARLOTTE 28235 704 338-2372

BYRNES, THOMAS HENDERSON,JR. IM /CD 029
309 PINEYWOOD ROAD A * AC
THOMASVILLE 27360 919 475-8121

BYRNETT, JEFFREY WILLIAM GS /VS 001
1624 MEMORIAL DR. A AC
BURLINGTON 27215 919 229-6428

BYRON, ROBERT SILL P 011
675 BILTMORE AVENUE A AC
ASHEVILLE 28803 704 254-5369

BYRUM, CLIFFORD CONWELL GYN 092
2800 BLUE RIDGE RD., STE. 301 A AC
RALEIGH 27607 919 782-0124

BYRUM, GRAHAM VANCE FP /GP 042
P. O. BOX 540 A AC
SCOTLAND NECK 27874 919 826-3143

BYRUM, GRAHAM VANCE, JR. IM /NEP 074
6 DOCTORS PARK A P AC
GREENVILLE 27834 919 752-8880

CABERWAL, DALJIT SINGH U 076
P. O. BOX 1509 AC
ASHEBORO 27203 919 625-3997

CABLE, THOMAS ALLEN FP 041
206 FISHER PARK CIRCLE A AC
GREENSBORO 27401 919 379-4132

CABRAL, DEBORAH BARBARA FP 029
208-B W. CENTER ST. A P AC
LEXINGTON 27292 704 249-2921

CABUGWASON, LUCILA NOVAL GP 084
28 N. MAIN ST. A AC
PO BOX 726
NORWOOD 28128 704 474-3317

CACERES, MARCO ANTONIO GS /TS 042
110 WALTER AVENUE A AC
ROANOKE RAPIDS 27870 919 537-6525

CADDELL, TILLIE HORKEY GP 063
P. O. BOX 519 A L
PINEHURST 28374 919 295-5511

CAHN, JACK RICHARD FP 005
ROUTE #1, BOX 439 AC
SPARTA 28675 919 372-5606

CAIN, FRANK CORAL, JR. GP 036
224 NEW HOPE ROAD AC
GASTONIA 28052 704 865-8241

CALABRETTA, ARTHUR MATTHEW PS 060
1012 KINGS DR., STE. 706 A P AC
CHARLOTTE 28283 704 333-7791

CALDEMEYER, JOHN EVERETT DR 045
715 FLEMING ST. A AC
HENDERSONVILLE 28739 704 693-1441

CALDWELL, BRUCE FRANCIS EM /GS 082
P. O. BOX 1006 A AC
CLINTON 28328 919 592-8511

CALDWELL, DAVID STEWART RHU /IM 032
BOX 2978, DUMC A AC
DURHAM 27710 919 684-3313

CALDWELL, ESTON ROBERT, JR. IM 049
RT. 2, BOX 230-F A RT
TROUTMAN 28166 704 872-5178

CALDWELL, GEORGE LEONHARD,JR. 034
496 WEST END BLVD. A S
WINSTON-SALEM 27101 919 722-3629

CALDWELL, JESSE BURGOYNE, JR. GYN 036
1307 PARK LANE A P * L/RT
GASTONIA 28052 704 865-0968

CALDWELL, LAWRENCE M., II GE /IM 018
P. O. BOX 849 AC
NEWTON 28658 704 464-4550

CALDWELL, LAWRENCE M., SR. GP 018
406 S. COLLEGE AVE. A L/RT
NEWTON 28658 704 464-2330

CALDWELL, ROBERT MANFRED PH 086
227 GRACE ST. A L
MOUNT AIRY 27030 919 374-2131

CALHOUN, AUBREY DANIEL IM 049
435 E. STATESVILLE AVE. AC
MOORESVILLE 28115 704 663-4443

CALIFF, ROBERT MCKINNON CD 032
BOX 31123, DUKE NORTH A AC
DURHAM 27710 919 681-4022

CALKINS, JERRY MILAN AN 032
DEPT. OF ANESTHESIOLOGY A * AC
NC MEMORIAL HOSP. 204-H
CHAPEL HILL 27514 919 966-5136

CALL, DAVID LEE DR 079
MOREHEAD MEM. HOSP.-RAD. AC
EDEN 27288 919 623-9711

CALLAGHAN, WILLIAM M. OBG 044
1600 N. MAIN ST. AC
WAYNESVILLE 28786 704 456-7369

CALLAHAN, JOSEPH BRODHEAD OBG 091
MEDICAL ARTS BUILDING A AC
HENDERSON 27536 919 492-8576

CALLAHAN, RICHARD DALE ON /HEM 011
1 DOCTOR'S DR. A AC
ASHEVILLE 28801 704 254-8232

CALLAWAY, CLIFFORD KAY EM 060
ROUTE #1, BOX 115-B AC
PINEVILLE 28134 704 588-3418

CALLAWAY, JASPER LAMAR D 032
DUKE UNIV. MED. CTR. A L/RT
DURHAM 27710 919 684-3432

CALLAWAY, SAMUEL CLAYTON, JR. OTO 065
2311 DELANEY ROAD * AC
WILMINGTON 28403 919 762-8754

CALLISON, CAROLINE H. PH 082
P. O. BOX 433 A P L/RT
CLINTON 28328 919 592-4894

CALLISON, WILLIAM JOSEPH ORS 011
STE. 101, 445 BILTMORE CENTER A AC
ASHEVILLE 28801 704 254-7271

CALTON, WILLIAM CUYLER, JR. 032
3625 MANFORD DR. A S
DURHAM 27707 919 493-5372

CAMBLOS, JOSHUA FRY BULLITT GS /GYN 011
17 FOREST ROAD A L/RT
ASHEVILLE 28803 704 274-2794

CAMERON, JOHN DARROCH FP 076
132-A W. MILLER ST. A AC
ASHEBORO 27203 919 625-1360

CAMNITZ, PAUL SAMUEL OTO 074
BOX 5007 A AC
GREENVILLE 27834 919 752-5227

CAMP, EDWARD HAYS GS 044
112 BALSAM DRIVE A L/RT
WAYNESVILLE 28786 704 456-9858

CAMP, THOMAS FRANCIS, JR. IM /CD 092
2800 BLUE RIDGE, STE. 205 AC
RALEIGH 27607 919 782-0414

CAMPANO, MANUEL OSWALDO PTH 041
P. O. BOX X-3 A AC
GREENSBORO 27402 919 299-6815

CAMPBELL, ALLEN BARRY OBG 011
93 VICTORIA ROAD A AC
ASHEVILLE 28801 704 253-4821

CAMPBELL, CHARLES BRUCE, III OPH 034
2827 LYNDHURST AVE.,STE. 204 AC
WINSTON-SALEM 27103 919 768-0725

CAMPBELL, DIANE JANE OBG 074
608 E. 10TH ST. AC
PO BOX 1276
GREENVILLE 27835 919 830-1035

CAMPBELL, DONALD BARNES IM 092
3100 BLUE RIDGE RD. A AC
RALEIGH 27612 919 781-7500

CAMPBELL, FRANCIS MICHAEL GS 049
503 E. STATESVILLE AVE. AC
MOORESVILLE 28115 704 663-7905

CAMPBELL, FRANK HIGHSMITH GS /TS 026
P. O. BOX 53651 A AC
FAYETTEVILLE 28305 919 485-6161

CAMPBELL, JAMES ARCHIBALD OBG 060
1955 RANDOLPH ROAD P AC
CHARLOTTE 28207 704 376-3536

CAMPBELL, JEFFREY PAUL 032
APT. 16 HOLLAND DR. A S
CHAPEL HILL 27514

CAMPBELL, JOSEPH LESTER GPM /PH 098
306 FOREST HILLS ROAD A L
WILSON 27893 919 291-8523

CAMPBELL, PAUL THOMAS 032
1321 NEW CASTLE RD. APT. A-13 A R
DURHAM 27704 919 471-9244

CAMPBELL, PETER BRUCE ID /IM 074
ECU SCH. OF MEDICINE A AC
GREENVILLE 27834 919 757-2550

CAMPBELL, ROBERT RICHARD R 096
2700 MEDICAL OFFICE PLACE A AC
GOLDSBORO 27530 919 734-1866

CAMPBELL, WALKER HAWES OBG 096
2400 WAYNE MEMORIAL DRIVE A AC
GOLDSBORO 27530 919 734-3344

CANADAY, MAURICE LEWIS FP /CD 055
110 DOCTOR'S PARK A AC
PO BOX 578
LINCOLNTON 28092 704 735-7413

CANIPE, TOMMIE LEE GS /TS 040
P. O. BOX 5229 A AC
HIGH POINT 27262 919 887-3164

CANNON, EUGENE BOLIVIA PD 076
366 LEXINGTON ROAD A L/RT
ASHEBORO 27203 919 625-2460

CANNON, THOMAS BERNARD FP 034
2805 LYNDHURST AVENUE AC
WINSTON-SALEM 27103 919 768-8890

CANNON, WOODWARD GS 092
2800 BLUE RIDGE BLVD. STE. 305 A AC
RALEIGH 27607 919 781-7416

CANUPP, TONY WAYNE IM 049
515 E. STATESVILLE AVENUE AC
MOORESVILLE 28115 704 663-5566

CAPIZZI, ROBERT LAWRENCE ON /HEM 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4464

CAPOROSSI, PAUL VINCENT OBG 018
P.O. BOX 2227 A AC
HICKORY 28603 704 322-4920

CAPPIELLO, DAVID LAWRENCE ORS 011
129 MCDOWELL STREET A P AC
ASHEVILLE 28801 704 258-8800

CARANDANG, NAPOLEON VELUZ IM /OM 041
AT&T TECHNOLOGIES, INC. A AC
P. O. BOX 25000
GREENSBORO 27420 919 279-3627

CARBONELL, ANTONIO MIGUEL PS 092
3320 EXECUTIVE DR. STE. 222 A P AC
RALEIGH 27609

CARDWELL, WILLARD IM /CD 041
2312 LAFAYETTE A L/RT
GREENSBORO 27408 919 288-4740

CARGILE, LESLIE SUMMAR JONES FP 011
RT. #1, BOX 89, LAUREL LANE A AC
BLACK MOUNTAIN 28711 704 669-5478

CARLSON, ERIC BARNETT IM 032
24 ASTOR COURT A R
DURHAM 27705 919 383-8651

CARLSON, KENNETH PAUL U 034
2932 LYNDHURST AVE. A AC
WINSTON-SALEM 27103 919 765-4021

CARLTON, THOMAS KERN, JR. PD 080
720 GROVE STREET AC
SALISBURY 28144 704 636-5576

CARLTON, WILLIAM YARBOROUGH P 034
509 WESTOVER AVE. A AC
WINSTON-SALEM 27104 919 722-9939

CARMICHAEL, DENNIS D. CHP /P 060
2711 RANDOLPH RD., STE. 205 AC
CHARLOTTE 28207 704 372-5238

CARNEY, CHARLES NOEL PTH 032
UNC, DEPT. OF PATHOLOGY AC
CHAPEL HILL 27514 919 966-4676

CARO, JOSE FRANCISCO END /IM 074
ECU, DEPT. OF MEDICINE A AC
GREENVILLE 27834 919 757-2571

CARPENTER,KENNETH C. GP 014
P. O. BOX 699 A AC
LENOIR 28645 704 754-7861

CARR, DAVID RUDDLE 032
BOX 2709, DUMC A * S
DURHAM 27710 919 493-3695

CARR, HENRY JAMES, JR. IM 082
603 BEAMAN STREET A P * AC
CLINTON 28328 919 592-6114

CARR, JENIFER 034
1629 NORTHWEST BLVD. A S
WINSTON-SALEM 27104 919 773-0369

CARR, JOHN FERGUSON, II D 032
1200 BROAD ST. A AC
DURHAM 27705 919 286-7903

CARR, KENT EMERSON IM 074
2839 WESTGARE DRIVE A R
RICHMOND, VA 23235 804 320-5088

CARR, MARJORIE BARNWELL PD 092
2800 BLUE RIDGE BLVD.,STE. 501 A AC
RALEIGH 27607 919 781-7490

CARR, RAYMOND EDWARD GS /TS 040
624 QUAKER LN., STE. C-101 A P AC
HIGH POINT 27262 919 883-1348

CARROLL, BARBARA ANNE R 032
P. O. BOX 1357 AC
HILLSBOROUGH 27278 919 684-2711

CARROLL, CHARLES FISHER, JR. PTH 013
CABARRUS MEMORIAL HOSPITAL A AC
CONCORD 28025 704 786-2111

CARROLL, FRANCIS MURRAY FP /A 024
104 SEVENTH AVENUE A AC
CHADBOURN 28431 919 654-3143

CARROLL, PAUL JOSEPH 034
1900 QUEEN ST., APT. A-1 A S
WINSTON-SALEM 27103 919 722-6911

CARSON, CULLEY CLYDE, III U 032
BOX 3274, DUMC A AC
DURHAM 27710 919 684-2127

CARSON, JACK OLIVER FP 074
P. O. BOX 549 A AC
GRIFTON 28530 919 524-4463

CARSON, SHANNON STEWART 032
42-A STRATFORD HILLS APTS. A S
CHAPEL HILL 27514 919 968-8231

CARSWELL, JANE TRIPLETT FP 014
P. O. BOX 960 AC
LENOIR 28645 704 754-0541

CARTER, ARTHUR FRANCIS 041
4606 HIGHBERRY RD. AC
GREENSBORO 27410 919 274-3793

CARTER, COLEMAN DELYNNE IM 060
217 TRAVIS AVENUE A AC
CHARLOTTE 28204 704 372-3350

CARTER, JAMES HARVEY P 032
BOX 3106, DUMC AC
DURHAM 27710 919 684-6102

CARTER, JAMES WALTER TS /GS 074
10 DOCTOR'S PK,
STANTONSBURG RD A P AC
GREENVILLE 27834 919 758-1747

CARTER, JOEL MILES TR 023
P. O. BOX 340 A P AC
SHELBY 28150 704 487-3144

CARTER, JOHN JEFFERSON, JR. P 081
CITY RT. #3, 311 FAIRGROUND RD AC
SPINDALE 28160 704 287-2211

CARTER, MARGARET FRONEBERGER AN 034
FORSYTH MEMORIAL HOSPITAL AC
3333 SILAS CREEK PARKWAY
WINSTON-SALEM 27103 919 773-3588

CARTER, NEEDHAM BATTLE IM /CD 064
322 S. FRANKLIN STREET AC
P. O. BOX 4777
ROCKY MOUNT 27803 919 977-6746

CARTER, NUMA RICHARDSON, JR. FP 023
512 DIXON BOULEVARD A AC
SHELBY 28150 704 487-7540

CARTER, PHILIPS JOHN ORS 041
315 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 275-0724

CARTER, ROBERT WILSON IM /CD 001
KERNODLE CLINIC A P * AC
BURLINGTON 27215 919 227-3621

CARTER, STEVEN RAYMOND AN 063
309 HILL ROAD A AC
SOUTHERN PINES 28387 919 692-2273

CARTY, BRIAN CLIFFORD 034
120-4 RAINRIDGE DR. A S
WINSTON SALEM 27104 919 765-7147

CARVER, GORDON MALONE, JR. TS /GS 032
114 CRUTCHFIELD ST. A AC
DURHAM 27705 919 286-1245

CASERIO, JAMES JOSEPH IM 045
547 N. JUSTICE ST. * AC
HENDERSONVILLE 28739 704 692-5096

CASEY, DEBORAH M. 034
138 N. SUNSET DR. APT. #2 A * S
WINSTON-SALEM 27101 919 724-4442

CASEY, MARY FRANCES 032
210 CEDARWOOD LANE A S
CARRBORO 27510 919 942-4799

CASH, DAVID WAYNE FP 049
310 DAVIE AVE. A AC
STATESVILLE 28677 704 873-3269

CASHMAN, JOHN U 065
1905 GLEN MEADE ROAD A P * AC
WILMINGTON 28403 919 763-6251

CASHWELL, LEON FRANKLIN, JR. OPH 034
300 S. HAWTHORNE ROAD A * AC
WINSTON-SALEM 27103 919 748-4091

CASTELL, DONALD OVERTON GE 004
96 BEECHWOOD DRIVE AC
LEWISVILLE 27023 919 748-4612

CASTELLANOS, JOSE ORESTE FP /CD 092
3801 COMPUTER DR., STE. 106 A AC
RALEIGH 27609 919 781-9660

CASTELLOE, THOMAS EDISON ORS 092
P. O. BOX 10707 A AC
RALEIGH 27605 919 781-5600

CATENACCI, RICHARD AN 079
1114 MAIDEN LANE, APT. 10 AC
REIDSVILLE 27320 919 349-8461

CATER, CLINTON DUNCAN, JR. FP 025
2600 OAKLAND AVE. RT
ELKHART, IND. 46517 219 294-3551

CATES, BANKS RALEIGH, JR. IM 060
1012 KINGS DRIVE A AC
CHARLOTTE 28283 704 377-4578

CATHCART, CORNELIUS FITZHAROLD PD 091
MARIA PARHAM HOSPITAL AC
HENDERSON 27536 919 492-9565

CATHELL, EDWIN JENNINGS GP 029
P. O. BOX 440 A L/RT
LEXINGTON 27292 704 246-2745

CATO, ALLEN EASLEY, JR. PD /PUD 032
3030 CORNWALLIS RD. A AC
RESEARCH TRIANGLE PK 27709 919 248-4537

CATTIE, JOHN VINCENT GS /CDS 090
106 E. PHIFER STREET A AC
MONROE 28110 704 289-8528

CAUDLE, JOHN ALLEN P 060
1900 RANDOLPH RD., STE. 918 A P AC
CHARLOTTE 28207 704 333-7722

CAUGHEY, DALE WELLS, JR. IM 065
5305-A WRIGHTSVILLE AVENUE AC
WILMINGTON 28403 919 799-4220

CAUGHRAN, JOHN HAMILTON ORS 060
120 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0351

CAUSEY, ANDREW JACKSON OPH /OTO 049
310 N. CENTER STREET AC
STATESVILLE 28677 704 873-8337

CAVANAUGH, PATRICK JOSEPH TR 092
4420 LAKE BOONE TRAIL A AC
RALEIGH 27607 919 755-3018

CAVEDO, IRVIN WALTERS DR 010
127 OCEAN BOULEVARD, WEST AC
HOLDEN BEACH 28462 919 754-8121

CAVENDER, CARY PAUL 074
202-B SHILOH DR. A S
GREENVILLE 27834 919 355-7327

CAVENER,JESSIE LEE AN /PYA 032
WANLESS HOSPITAL MIRAJ H
MAHARASHTRA INDIA

CAVENESS, MICHAEL BRYAN 032
710 BRANIFF DR. A S
CARY 27511

CAVINESS, VERNE STRUDWICK CD /IM 092
913 VANCE STREET A L/RT
RALEIGH 27608 919 832-4258

CECH, ALEX CHARLES 032
BOX 2710, DUMC A S
DURHAM 27710 919 383-8355

CECIL, STEPHEN GERARD AN 096
607 WOODBERRY DR. A AC
GOLDSBORO 27530 919 731-6089

CEFALO, ROBERT CHARLES OBG /NPM 032
430 LAKESHORE LANE AC
CHAPEL HILL 27514 919 966-1601

CEFALU, SALVADOR JOSEPH P/GER 092
DOROTHEA DIX HOSPITAL * AC
RALEIGH 27611 919 733-5518

CELESTINO, FRANK SAMUEL FP 034
3400 YORK ROAD A AC
WINSTON-SALEM 27104 919 748-2258

CELLA, JOHN ROBERT R 092
P. O. BOX 19509 A AC
RALEIGH 27619 919 833-1407

CHALFA, NICOLAI AN 040
P. O. BOX 1864 A AC
HIGH POINT 27261 919 882-2567

CHALFANT, WILLIAM PAXSON GS /CDS 013
56 LAKE CONCORD ROAD, N.E. A AC
CONCORD 28025 704 786-1104

CHALLA, VENKATA RAMANA PTH /NA 034
200 FLINTSHIRE ROAD A AC
WINSTON-SALEM 27104 919 768-0591

CHAMBERLAIN, JACK KENNETH HEM /IM 074
ECU, SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-2560

CHAMBERLIN, HARRIE ROGERS PD 032
UNC, DEPT. OF PEDIATRICS L/RT
CHAPEL HILL 27514 919 966-5171

CHAMBERS, ARTHUR LLOYD EM 064
3619 WESTRIDGE CIRCLE DR. A AC
ROCKY MOUNT 27801 919 443-8172

CHAMBERS, KENNETH HENLEY OBG 060
951 S. INDEPENDENCE BLVD. A AC
CHARLOTTE 28202 704 377-0711

CHAMBERS, ROBERT EDWARD PD 036
1839 E. GARRISON BOULEVARD AC
GASTONIA 28054 704 864-2685

CHAMBERS, ROBERT TILLMAN PD 034
104 BETHESDA MEDICAL CENTER A P AC
WINSTON-SALEM 27103 919 765-5242

CHAMBLEE, DONALD VANCE FP 060
211 S. SHARON AMITY ROAD A * AC
CHARLOTTE 28211 704 366-7586

CHAMBLEE, HUBERT ROYSTER, JR. OPH 092
20 ENTERPRISE STREET A AC
RALEIGH 27607 919 829-1948

CHAMBLEE, JOHN SIGMA PH /GPM 064
509 E. CHURCH STREET A L/RT
NASHVILLE 27856 919 459-2223

CHAMBLISS, JOHN RANDOLPH IM 064
100 NASH MEDICAL ARTS MALL A P AC
ROCKY MOUNT 27801 919 443-9084

CHAN, STEVEN PING 034
BOWMAN GRAY, STUDENT BOX 91 A S
WINSTON-SALEM 27103 919 724-1708

CHANCE, JAMES KENNETH OPH 025
802 MCCARTHY BLVD. A AC
NEW BERN 28560 919 633-4183

CHANDLER, ARTHUR CECIL, JR. OPH 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

CHANDLER, EDGAR TED IM 034
BOWMAN GRAY, DEPT. OF MED. A AC
WINSTON-SALEM 27103 919 748-2051

CHANDLER, HOWARD CHRISTY, JR. 034
2527-D MILLER PARK CIRCLE A S
WINSTON-SALEM 27103 919 722-3709

CHANDLER, JOE THURSTON NEP /IM 060
928 BAXTER STREET A AC
CHARLOTTE 28204 704 374-1321

CHANDLER, WILLIAM MARCUS, JR. R/AM 045
PARDEE HOSPITAL AC
HENDERSONVILLE 28739 704 693-6522

CHANG, CAROLYN HERI 032
2302 W. CLUB BLVD. A S
DURHAM 27710 919 286-1409

CHANG, JOHN SHYUEYI OBG 055
P. O. BOX 715 A AC
LINCOLNTON 28092 704 732-3346

CHAPIN, JOHN HARMON FP 005
ROUTE #2, BOX 130 AC
LANSING 28643 919 982-2158

CHAPLIN, CHARLES HAL PS /GS 060
2215 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 372-6846

CHAPLIN, DON CLARENCE IM /CD 001
KERNODLE CLINIC, INC. A P * AC
BURLINGTON 27215 919 227-3621

CHAPLINSKI, THOMAS JOSEPH ON /HEM 074
ECU BRODY BLDG. A AC
3-E 106 DEPT. OF IM
GREENVILLE 27834 919 752-6101

CHAPMAN, CHARLES GRANGER BLB 060
6134 DEVERON DRIVE A
CHARLOTTE 28211 704 366-2057

CHAPMAN, JESSE PUGH, JR. TS /GS 011
520 BILTMORE AVENUE A AC
ASHEVILLE 28801 704 252-7357

CHAPMAN, LYNNE WAGONER 074
106 BERKSHIRE ROAD A S
GREENVILLE 27834 919 756-5966

CHAPMAN, ROBERT AMASA FP 006
P. O. BOX 728 AC
BANNER ELK 28604 704 898-4828

CHAPMAN, TODD MASTERS ORS 060
1822 BRUNSWICK AVE. A P AC
CHARLOTTE 28207 704 373-0544

CHARLES, MICHAEL JOHN ORS 079
307 W. MOREHEAD ST. AC
REIDSVILLE 27320 919 342-6116

CHARLTON, JOHN DAVID A 041
1301 W. WENDOVER AVENUE A L
GREENSBORO 27408 919 275-0441

CHARLTON, OLIVER PATRICK DR 092
4420 LAKE BOONE TRAIL A AC
RALEIGH 27607 919 755-3023

CHASE, ROBERT EUGENE AN 041
1816 PEMBROKE RD., STE. #2 P AC
GREENSBORO 27408 919 272-3720

CHASSON, ALBERT LEON PTH 092
REX HOSPITAL A AC
RALEIGH 27607 919 755-3058

CHATTERJEE, BENU CD 032
2209 MILLPINE DR. R
RALEIGH 27614 919 846-0617

CHAUDHRY, ABDUL GHAFOOR CDS /GS 092
2800 BLUE RIDGE BLVD. STE. 306 AC
RALEIGH 27607 919 782-7900

CHAUDHRY, HASHMAT ALI OPH 042
725-C HAMILTON ST. A P AC
ROANOKE RAPIDS 27870 919 537-0522

CHAUDHURI, DEBI PRASAD GS 026
1617 OWEN DRIVE AC
FAYETTEVILLE 28304 919 323-0101

CHEEK, GEORGE WASHINGTON, JR. GS 001
317 ENGLEMAN A RT
BURLINGTON 27215 919 584-6551

CHEEK, JOHN MERRITT, JR. GS 032
1414 KENT STREET A L/RT
DURHAM 27707 919 489-1241

CHEEK, THOMAS SIDNEY IM 051
601-C N. 8TH STREET A P AC
SMITHFIELD 27577 919 934-2310

CHEELY, GEORGE RAYBURN CD /IM 092
3020 NEW BERN AVE., STE. 410 A AC
RALEIGH 27610 919 781-7557

CHEESBOROUGH, JOHN DAVIDSON D 053
827 S. HORNER BOULEVARD AC
SANFORD 27330 919 775-7926

CHELLEW, ROBERT LEE FP 051
1202 S. VERMONT AC
SMITHFIELD 27577 919 934-4283

CHEN, CHIH-CHEN FRANK N 065
1608 WELLINGTON AVENUE A P AC
WILMINGTON 28401 919 395-5521

CHEN, TONG YONG AN 060
PO BOX 31276 A AC
CHARLOTTE 28231 704 371-4049

CHEREN, ISA 034
1811 QUEEN ST. A S
WINSTON-SALEM 27103 919 724-3782

CHERRY, WILLIAM HILL, JR. OBG 049
519 BROOKDALE DR. AC
STATESVILLE 28677 704 873-6483

CHESSON, ARTHUR SAUNDERS, JR. PD 065
1501 DOCK ST. AC
WILMINGTON 28401 919 762-1744

CHEWNING, SAMUEL JACKSON, JR. ORS 060
1822 BRUNSWICK AVE. A P AC
CHARLOTTE 28207 704 372-9820

CHI, HONG YUP FP 018
105 N. MAIN AVENUE A AC
NEWTON 28658 704 464-5424

CHIARAMONTI, ALEXANDER D 092
915 KILDAIRE FARM ROAD A P AC
CARY 27511 919 467-8556

CHIAVETTA, STEPHEN VICTOR PTH /HEM 092
4420 LAKE BOONE TRAIL A AC
RALEIGH 27607 919 755-3040

CHICCONE, THOMAS GERARD EM 034
1711 LYNWOOD AVE. A P AC
WINSTON-SALEM 27104 919 765-9328

CHIDESTER, AUGUSTUS B. GYN /OBS 045
BOX 1017, FOREST HILL DR. A L/RT
HENDERSONVILLE 28739 704 693-5276

CHIKES, PETER GEORGE OTO 013
34 ARDSLEY AVE., NE A P * AC
CONCORD 28025 704 782-2166

CHILDERS, MELVIN DAVIS, JR OPH 060
1928 RANDOLPH RD., STE. 109 A P AC
CHARLOTTE 28207 704 372-3070

CHILDERS, TERRY CELY PD 011
131 MCDOWELL ST. AC
ASHEVILLE 28803 704 254-9811

CHILES, NOAH HAMPTON IM 040
501 WESTWOOD AVENUE A AC
HIGH POINT 27262 919 882-3911

CHIMIAK, JAMES MICHAEL 032
901 ROBERT E. LEE DR. A S
WILMINGTON 28403 919 395-6840

CHIPLEY, PATRICK LINCOLN GP 011
P. O. BOX 399 AC
ENKA 28728 704 667-2531

CHIPMAN, DENNIS CLARENCE P 018
231 FOURTH ST. SW, STE. 201 A AC
HICKORY 28601 704 322-2200

CHITWOOD, WALTER R., JR. CDS /TS 074
106 JAMESTOWN ROAD A AC
GREENVILLE 27834 919 757-4822

CHIULLI, RICHARD ALLEN GS 063
137 JAMES CREEK ROAD A AC
SOUTHERN PINES 28387 919 295-1141

CHOI-CHUNG, MOON SOOG PM 050
EASTGATE CENTER AC
SYLVA 28779 704 586-5508

CHOI, SAN HO GS 056
102 DOCTORS BUILDING A AC
FRANKLIN N C 28734 704 524-7464

CHOKSI, JANAK KANTILAL ON /IM 001
405 RUDD ST. B AC
BURLINGTON 27215 919 226-0276

CHOONG, HAN PYO GS 002
P. O. BOX 548 A AC
503 THIRD STREET, SW
TAYLORSVILLE 28681 704 632-7467

CHOW, CAROLINE CHIA-LIN 032
PO BOX 4588, DUKE STATION A S
DURHAM 27706 919 684-2227

CHOW, GREGORY HENKUO 032
2009 SOUTHWOOD DR. #1 A S
DURHAM 27707 919 383-6849

CHRISTAKOS, ARTHUR CHRIS GYN 032
BOX 3005, DUKE HOSPITAL A * AC
DURHAM 27710 919 684-2498

CHRISTENSEN, FRANK HOWARD OPH /PS 032
109 CONNER DR., STE. 2207 A P AC
CHAPEL HILL 27514 919 933-1294

CHRISTENSEN, HARVEY EARL GS /TS 018
ROUTE #2, BOX 190 AC
CONOVER 28613 704 322-9105

CHRISTENSEN, LISA KAY 034
452 CORONA ST. A S
WINSTON-SALEM 27103 919 777-0263

CHRISTIAN, BERNIE JOSEPH GP 041
948 WALKER AVENUE A AC
GREENSBORO 27403 919 275-7665

CHRISTOPHER, WILLIAM EDWARD,JR P 060
242 S. COLONIAL AVE. AC
CHARLOTTE 28207 704 375-4405

CHRYSLER, CHARLES OTIS FP 060
3894 E. INDEPENDENCE BLVD. A AC
CHARLOTTE 28205 704 537-5424

CHUNG, HONG-YILL GP 067
407 CARMEN AVENUE A AC
JACKSONVILLE 28540 919 353-2800

CHUNG, IL WHAN U 050
SYLVA UROLOGICAL CLINIC, PA AC
EASTGATE CENTER
SYLVA 28779 704 586-5507

CHUNG, JOSEPH YANGSOO GS /GP 059
1200 MEDICAL COURT A AC
MARION 28752 704 652-5818

CHUNG, WAN SOO GP 007
320 MCCASKEY ROAD A AC
WILLIAMSTON 27892 919 792-1071

CHUNG, ZUN SUB GP /EM 040
2926 S. MAIN STREET A AC
HIGH POINT 27263 919 434-3118

CHURCH, C. FRANKLIN FP /D 092
1109 DRESSER COURT A * AC
RALEIGH 27609 919 872-4900

CHURCH, JACK LEE R/IM 012
BOX 45, BROUGHTON HOSPITAL * AC
MORGANTON 28655 704 433-2256

CHURCHILL, CAROL ANN 032
100-A TALL OAKS RD. S
CHAPEL HILL 27514 919 967-0763

CILIBERTO, SAMUEL DAVID ORS 053
101 S. VANCE STREET A AC
SANFORD 27330 919 776-0551

CISZEK, THOMAS ARTHUR NPM /PD 026
PO BOX 2000 A AC
FAYETTEVILLE 28302 919 323-6762

CITRIN, KERRY ALAN GS 029
105 PINEYWOOD ROAD A P AC
P. O. BOX 1187
THOMASVILLE 27360 919 475-7148

CITRON, DAVID SANFORD IM /FP 060
P. O. BOX 32861 A AC
CHARLOTTE 28232 704 331-3146

CLAPP, HUBERT LEE GP 011
BOX 365 A L
SWANNANOA 28778 704 686-3300

CLAPP, JAMES ROBERT IM /NEP 032
BOX 2991, DUMC A AC
DURHAM 27710 919 684-6674

CLARK, ALAN BOYD 034
BOWMAN GRAY, BOX 93 A S
WINSTON-SALEM 27103 919 724-4572

CLARK, CATHERINE LEAH FP 070
228 SEA OATS TRAIL AC
KITTY HAWK 27949 919 261-3848

CLARK, CHARLES EDWARD, III OTO 032
MCPHERSON HOSPITAL AC
1110 W. MAIN STREET
DURHAM 27701 919 682-9341

CLARK, DOUGLAS HENDON GS 078
295 WEST 27TH STREET A AC
LUMBERTON 28358 919 738-8556

CLARK, FRANKLIN ST. CLAIR GS /CDS 026
1790 METROMEDICAL DRIVE AC
FAYETTEVILLE 28304 919 323-2626

CLARK, JOEL ARNOLD, JR. U 025
800 HOSPITAL DRIVE AC
NEW BERN 28560 919 633-2712

CLARK, JOHN BLUE, JR. EM /IM 060
3830 SILVERBELL DRIVE A AC
CHARLOTTE 28211 704 371-4160

CLARK, KENNETH JAMES, JR. GE /IM 011
69 MCDOWELL STREET A AC
ASHEVILLE 28801 704 258-3870

CLARK, LEE ANDREW, JR. OPH 098
WILSON CLINIC A AC
WILSON 27893 919 291-7001

CLARK, LOUIS PHILLIP, JR. HS /ORS 026
225 TIMBERLAKE DR. A AC
FAYETTEVILLE 28304 919 484-2171

CLARK, MARGARET ANNE IM 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

CLARK, PERRY BELTON OBG 034
2927 LYNDHURST AVENUE A AC
WINSTON-SALEM 27103 919 765-9350

CLARK, PRESTON SAMUEL END /IM 041
MERRITT MEDICAL PLAZA AC
1511 WESTOVER TERR., STE. 101
GREENSBORO 27401 919 373-0311

CLARK, RICHARD LEE DR 032
ROUTE #4, BOX 529 AC
CHAPEL HILL 27514 919 966-4397

CLARK, TERRENCE PETER CHP /P 011
445 BILTMORE AVE., STE. 304 A P AC
ASHEVILLE 28801 704 252-1421

CLARK, THEODORE RUST P/N 063
140 SOUTHWEST BROAD ST. A AC
SOUTHERN PINES 28387 919 692-6471

CLARK, THOMAS BOYLE, III PTH 032
P. O. BOX 2951 A R
DURHAM 27705 919 684-3300

CLARK, WILLIAM MACKEY R 060
1704-A ROXBOROUGH ROAD A AC
CHARLOTTE 28211 704 371-4058

CLARKE, DONALD KEITH 074
1085 CHEYENNE CT., APT. #13 A S
GREENVILLE 27834 919 689-2120

CLARKE, LEN GORDON FP 079
701 S. VAN BUREN ROAD AC
EDEN 27288 919 623-6836

CLARKE, THOMAS LAWRENCE OBG 034
501 N. CLEVELAND AVENUE AC
WINSTON-SALEM 27101 919 722-3874

CLARKE, WILLIAM LOWE, JR FP 018
912 SECOND STREET, N. E. A , L
HICKORY 28601 704 322-1361

CLASSEN, CHARLES HENRY, JR. ORS 054
KINSTON CLINIC, NORTH, STE. F A P AC
KINSTON 28501 919 522-2020

CLAXTON, CALVIN PORTER, JR. CDS /TS 011
257 MCDOWELL STREET A P AC
ASHEVILLE 28803 704 258-1121

CLAYTON, MELVIN LOUIS IM /FP 008
P. O. BOX 446 A AC
MURFREESBORO 27855 919 398-3323

CLEAVER, H. DEHAVEN GS /TS 064
100 MEDICAL ARTS MALL AC
ROCKY MOUNT 27801 919 443-9084

CLEGG, HERBERT WILLIAMS, II PD /ID 060
3210 FOXCROFT ROAD * AC
CHARLOTTE 28211 704 374-1747

CLEMENT, JAMES EDWIN OBG 074
101 BETHESDA DRIVE A AC
GREENVILLE 27834 919 758-4181

CLEMMONS, ROY SEAWELL PYM /P 041
1107 W. FRIENDLY AVENUE AC
GREENSBORO 27401 919 274-1567

CLEVELAND, GREGOR GEORGE 032
114-A HIGH STREET A S
CARRBORO 27510 919 967-2638

CLEVELAND, JEFFREY ALLEN 034
2000 VIRGINIA ROAD A S
WINSTON-SALEM 27104 919 723-8536

CLEVENGER, ALVA BEN PTH 000
7350 VIA PASEO DEL SUR,#B-106 AS
SCOTTSDALE, AZ 85258 602 483-8631

CLINE, DAVID MARTIN EM 033
111 HOSPITAL DR. A AC
TARBORO 27886 919 641-7134

CLINE, JAMES ALEXANDER GS /EM 064
3517 WOODLAWN ROAD A RT
ROCKY MOUNT 27801 919 443-6444

CLINE, JOHN WILLIAM OPH 032
1110 W. MAIN STREET A AC
DURHAM 27701 919 682-9341

CLINE, KATHLEEN ANN EM 074
1211 RED BANKS RD. A * AC
GREENVILLE 27834 919 757-4757

CLINE, ROBERT SEITZ FP 053
555 CARTHAGE STREET A P AC
SANFORD 27330 919 774-6518

CLINE, WAYNE ALLEN U 080
909 W. HENDERSON STREET AC
SALISBURY 28144 704 633-9441

CLINE, WAYNE ALLEN, JR. U 080
909 W. HENDERSON STREET A AC
SALISBURY 28144 704 633-9441

CLINE, WILLIAM TUCKER GS /CDS 092
3400 EXECUTIVE DRIVE A AC
RALEIGH 27609 919 876-2732

CLINTON, HOWARD LESLIE, JR. FP 060
5009 CELESTE CT. AC
MATTHEWS 28105 704 366-5002

CLIPPINGER, FRANK WARREN, JR. ORS 032
BOX 3935, DUMC A P AC
DURHAM 27710 919 684-4229

CLONINGER, CHARLES EDGAR FP 018
RT. #2, BOX 14DC A L/RT
SHERRILLS FORD 28673 704 478-3155

CLONINGER, GILES LATHERN, JR. FP 077
115 MAIN STREET A AC
HAMLET 28345 919 582-1319

CLONINGER, KENNETH LEE, JR. NS 041
200 E. NORTHWOOD ST., STE. 504 A AC
GREENSBORO 27401 919 272-4578

CLONINGER, TIMOTHY EARL TR 060
P. O. BOX 35291 A AC
CHARLOTTE 28235 704 338-2272

CLONTZ, TED HAMILTON FP 060
402 E. SUGARCREEK RD. AC
CHARLOTTE 28213 704 596-0822

CLOUD, WILLIAM GRAYDON GS /CDS 060
3535 RANDOLPH RD., STE. 201-W A AC
CHARLOTTE 28211 704 364-8100

CLOUTIER, MICHAEL R 040
1005 SHAMROCK RD. A AC
HIGH POINT 27260 919 887-1926

CLUTTS, GEORGE ROBERT GS /TS 041
344 N. ELM STREET A AC
GREENSBORO 27401 919 275-9554

CLYDE, WALLACE ALEXANDER, JR. PD /ID 032
UNC SCHOOL OF MEDICINE 229-H AC
535 BURNETT-WOMACK CLI SC BLDG
CHAPEL HILL 27514 919 966-2331

COBB, GREGORY WAYNE OPH 067
264 MEMORIAL DRIVE AC
JACKSONVILLE 28540 919 353-1030

COBEY, WILLIAM GRAY PD 060
2024 RANDOLPH ROAD AC
CHARLOTTE 28207 704 375-4453

COBO, LIONEL MICHAEL OPH 032
BOX 3802, DUKE UNIV. EYE CTR. A AC
DURHAM 27710 919 684-3799

CODINGTON, JOHN BONNELL GS 065
1501 MEDICAL CENTER DRIVE AC
WILMINGTON 28401 919 763-6289

CODNERE, JOHN THOMAS U 011
119 CHURCH STREET A L/RT
BLACK MOUNTAIN 28711 704 669-8721

COFFEE, ARCHIE T., JR. N 060
1900 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 375-5663

COFFER, BERTRAM WATTS AN 092
P.O. BOX 18139 A P * AC
2800 BLUE RIDGE RD. STE. 204
RALEIGH 27619 919 847-3355

COFFEY, JAMES CECIL GP 080
8 PINE TREE ROAD L
SALISBURY 28144 704 633-3794

COFFEY, ROBERT TUTTLE P/GP 049
ROUTE #6, BOX 846 A AC
MOORESVILLE 28115 704 664-6393

COGGESHALL, ALLAN BANCROFT GS 041
109 BEVERLY PLACE A L/RT
GREENSBORO 27403 919 299-7190

COGGINS, DAVID ALLEN 032
302-E BOLINWOOD APTS. S
CHAPEL HILL 27514 919 967-7511

COGHILL, CARL HERNDON, III PD 034
784 REAFORD ROAD A R
WINSTON-SALEM 27104 919 766-8518

COHAN, RICHARD HARRIS DR 032
9 RABBITS GLEN TERRACE A AC
DURHAM 27713 919 681-2711

COHEN, KENNETH LEE OPH 032
UNC, DEPT. OF OPHTHALMOLOGY A AC
617 CLINICAL SCI. BLDG. 229-H
CHAPEL HILL 27514 919 966-5296

COHEN, MYRON SCOTT ID 032
UNC,547 BURNETT-WOMACK, 229-H AC
CHAPEL HILL 27514 919 966-2536

COHEN, SUSAN RAY 032
208 HOWELL ST. A S
CHAPEL HILL 27514

COLE, BARRY ELIOT P/N 034
SIERRA PAIN INSTITUTE A R
245 E. LIBERTY ST.
RENO, NV 89501 702 786-8580

COLE, JACK MARTIN 032
D-7 BERKSHIRE MANOR APTS. A S
CARRBORO 27510

COLE, ROBERT HICKMAN AN 060
1534 COVENTRY ROAD AC
CHARLOTTE 28211 704 366-0405

COLE, ROGER DALE 034
407 CORONA ST. A * S
WINSTON-SALEM 27103 919 724-0761

COLE, TOLLIE BOYCE OTO 032
BOX 3805, DUMC A AC
DURHAM 27710 919 684-6819

COLE, WARREN HENRY GS 011
8 W. KENSINGTON ROAD A RT
ASHEVILLE 28804 704 254-4475

COLEMAN, GORDON DONALD PD 065
1920 S. 16TH ST. AC
WILMINGTON 28401 919 762-3942

COLEMAN, JAMES BARR GS 007
604 W. MAIN STREET AC
WASHINGTON 27889 919 946-0181

COLEMAN, LESTER L., JR. FP 018
P. O. BOX 376 A AC
HILDEBRAN 28637 704 397-3522

COLEMAN, NANCY LOU 074
102-B CEDAR COURT A S
GREENVILLE 27834 919 752-2636

COLEMAN, PHILIP DIVOLL GS /TS 007
625 E. 12TH ST. AC
WASHINGTON 27889 919 946-0181

COLEMAN, RALPH EDWARD NM 032
DUMC, DEPT. OF RADIOLOGY A AC
DURHAM 27710 919 681-5454

COLES, DEBRA LYNN 032
804 SHADY LAWN DR. A S
CHAPEL HILL 27514 919 929-4138

COLETTA, HARRY MARIO, II FP 034
MAIN STREET, BOX 678 AC
WALNUT COVE 27052 919 591-7205

COLEY, ELWOOD BROGDEN PD 032
3500 WESTGATE DR. STE.701 AC
DURHAM 27707 919 493-8608

COLEY, SILAS BODIE, JR. P/N 032
815 KENMORE ROAD A AC
CHAPEL HILL 27514 919 929-0326

COLLAWN, THOMAS HERBERT AN 060
2334 THETFORD COURT A AC
CHARLOTTE 28211 704 366-5311

COLLETT, JAMES ROUNTREE IM /CD 012
2203 S. STERLING ST., STE. 231 AC
MORGANTON 28655 704 437-0121

COLLIER, ALBERT MILFORD PD /ID 032
UNC, 535 CLINICAL SCIENCE BLDG A AC
CHAPEL HILL 27514 919 966-2331

COLLIER, THOMAS FRANCIS 032
2752 MIDDLETON AVE., APT. 29L S
DURHAM 27705 919 383-9655

COLLIGAN, JOSEPH FRANCIS P/CHP 067
192 VILLAGE DRIVE A P * AC
JACKSONVILLE 28540 919 353-4165

COLLINGS, GILBEART H., JR. OM /PM 088
RT. #4, BOX 176B A AC
RICH MOUNTAIN
BREVARD 28712 704 885-2854

COLLINS, CHARLES DAVID GS 077
1431 CUMBERLAND CIRCLE A AC
ROCKINGHAM 28379 919 895-6301

COLLINS, DAVID DUTROW PUD /IM 034
2825 LYNDHURST AVE., STE. 101 A AC
WINSTON-SALEM 27103 919 765-0888

COLLINS, DAVID LEONARD GS 013
48 ARDSLEY AVE. NE A AC
CONCORD 28025 704 786-1108

COLLINS, DIANA BURKE 034
3705 ROCK HAVEN DRIVE A S
GREENSBORO 27410 919 288-1951

COLLINS, FRANCIS FARRELL, JR. IM /PUD 063
P. O. BOX 519 A AC
PINEHURST 28374 919 295-5511

COLLINS, WARREN JAMES GYN 023
105 GROVER STREET AC
SHELBY 28150 704 482-2486

COLLINS, WILLIAM STUART P 034
3969 QUILLING ROAD A AC
WINSTON-SALEM 27104 919 765-7350

COLLINSON, FRANK DR /NR 098
WILSON MEM. HOSP. A AC
X-RAY DEPT.
WILSON 27893 919 399-8112

COLLMAN, MITCHELL SCOTT CD /IM 032
P. O. BOX 2513 R
CHAPEL HILL 27514 919 933-5455

COLSON, JOSEPH SAMPSON FP 039
P. O. BOX 429 A RT
OXFORD 27565 919 693-2697

COLSON, LACY ALSTON IM /FP 092
23-G SUNNYBROOK ROAD A AC
RALEIGH 27610 919 821-5201

COLTON, SHARON ANN IM 055
ROUTE #1, BOX 275-W AC
DENVER 28037 704 732-3348

COMBS, JOHN GILBERT, JR. R 065
2318 BLYTHE ROAD A P AC
WILMINGTON 28403 919 392-2610

COMBS, JOSEPH JOHN IM /PUD 092
335 SPRINGMOOR DR. A L/RT
RALEIGH 27615 919 848-7335

COMER, WILSON SIDNEY, JR. P 092
1001 NAVAHO DR. STE. 108 A AC
RALEIGH 27609 919 876-0762

COMPEAU, PHILLIP EDWARD CHAS. IM /FP 097
1710 PARKWOOD DR., SOUTH A P * AC
WILKESBORO 28697 919 667-1285

COMPTON, JOHN WALLACE R 096
2700 MEDICAL OFFICE PLACE A AC
GOLDSBORO 27530 919 734-1866

CONARD-CORKEY, ELIZABETH M. PH /GPM 060
519 HERMITAGE COURT A L
CHARLOTTE 28207 704 375-7831

CONARD, DAVID LLOYD IM 065
BLACK RIVER HEALTH CENTER AC
ATKINSON 28421 919 283-7783

CONDIE, SCOTT DOUGLAS FP 023
1198 WYKE ROAD A AC
SHELBY 28150 704 487-1148

CONE, DONALD FRANK TR /DR 041
1604 ST. ANDREWS ROAD A AC
GREENSBORO 27408 919 379-4143

CONLEY, MARTIN JAMES, JR. CD /IM 065
1515 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 763-5182

CONNELL, GEORGE FREDERICK AN 098
1105 BROOKSIDE DRIVE A AC
WILSON 27893 919 291-1700

CONNELLY, JERRY HUBBARD GP /GPM 041
212-C W. WENDOVER AVE. AC
GREENSBORO 27401 919 275-3828

CONNER, JOEL DEWITT GYN 036
471 COX ROAD A AC
GASTONIA 28052 704 865-0033

CONRAD, ELIZABETH PD 034
1862 RUNNYMEADE RD. P L/RT
WINSTON-SALEM 27104 919 723-1213

CONRAD, ELIZABETH JO 032
N-5 WOODBRIDGE APTS. A S
CARRBORO 27510 919 929-6091

CONRAD, LARRY LEE EM 078
5307 FAYETTEVILLE RD. AC
LUMBERTON 28358 919 738-6441

CONSTIEN, DANIEL JOHN FP 007
AURORA MEDICAL CENTER A AC
P. O. BOX 40
AURORA 27806 919 322-4021

CONSTIEN, MARIA RAVELLI PD 074
ROUTE 1, BOX 217C A R
BLOUNTS CREEK 27814 919 946-7669

CONTOGIANNIS, MARY ANN 074
26-C COURTNEY SQUARE A * S
GREENVILLE 27834 919 756-6143

COOK, BRIAN 074
APT. U-3, DOCTORS PARK APTS. A S
GREENVILLE 27834 919 758-3689

COOK, CHARLES ALVIN NEP /IM 092
615 PEACE ST. AC
RALEIGH 27603 919 828-4753

COOK, DAVID OWEN U 034
341 SPRINGDALE AVE. A R
WINSTON-SALEM 27104 919 723-4978

COOK, DONALD EUGENE, JR. FP 077
RICHMOND MEDICAL CENTER AC
DRAWER 308
ROCKINGHAM 28379 919 895-9075

COOK, JAMES HOSMER D 011
281 MCDOWELL STREET A AC
ASHEVILLE 28803 704 252-5679

COOK, JOHN EDMUND AN 070
1111 RIVERSIDE AVENUE A P * AC
ELIZABETH CITY 27909 919 338-1542

COOK, JOSEPH WILLIAM TS /CDS 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1500

COOK, LELAND JAMES GS 018
420 N. CENTER ST. A AC
HICKORY 28601 704 327-9178

COOK, PERRY FLETCHER 032
2306 WILSON ST. A S
DURHAM 27705 919 286-2389

COOK, RUSSEL CLIFFORD PD 007
608 E. 12TH STREET P * AC
WASHINGTON 27889 919 946-4134

COOK, WESLEY ALLEN, JR. NS 032
DUMC, DIV. OF NEURO-SURGERY A AC
DURHAM 27710 919 684-3582

COOK, WILLIAM EUGENE FP /PUD 026
115 S. CHURCHILL DRIVE A L/RT
FAYETTEVILLE 28303 919 484-5321

COOKE, DAVID WILLIAM 032
2716 MIDDLETON ST. APT. 3-D A S
DURHAM 27705 919 383-6944

COOKE, JAMES HARBIN, JR. IM 013
130 LAKE CONCORD RD. A P AC
CONCORD 28025 704 782-3114

COOKE, RALPH MCBRIDE GP /GER 086
631 ELK SPUR ST. A L
ELKIN 28621 919 835-3525

COONRAD, EVELYN VAIL HEM /ON 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

COONRAD, RALPH WOODWARD ORS /HS 032
1828 HILLANDALE ROAD A AC
DURHAM 27705 919 286-1249

COOPER, ARMAH JAMALE P 041
604-B PASTEUR DR. A P AC
GREENSBORO 27403 919 855-7231

COOPER, CLAIRE VIRGINIA P 092
6512 SIX FORKS RD., STE. 505 AC
RALEIGH 27609 919 846-0444

COOPER, EDWIN BRANAN, JR. ORS 054
KINSTON CLINIC, NORTH, STE. F A P AC
KINSTON 28501 919 522-2020

COOPER, HERBERT A. PHO /CLP 032
UNC, DEPT. OF PEDIATRICS AC
BURNETTE-WOMACK BLDG. 229-H
CHAPEL HILL 27514 919 966-1178

COOPER, LYLE RAY IM 025
PO BOX 2685 AC
NEW BERN 28560 919 638-4023

COOPER, MILES ROBERT ON /HEM 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-4300

COOPER, RANDOLPH A. S. IM /HEM 032
1007 NORWOOD AVE. A S
DURHAM 27707 919 489-5643

COOPER, TIM ERVIN, JR. IM /PUD 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 366-8240

COOPER, WILLIAM CORNELIUS, JR. PD 064
124 FOY DRIVE AC
ROCKY MOUNT 27801 919 443-4031

COOPER, WILLIAM H., IV OBG 000
1500 MEDICAL CENTER DR. A R
WILMINGTON 28401 919 763-9509

COPELAND, DANA DERWARD PTH 092
10004 GRADY CIRCLE A AC
RALEIGH 27609 919 755-8260

COPELAND, DONALD LEE FP 060
ROUTE #1 A * AC
DAVIDSON 28036 704 892-3723

COPELAND, GARY BENJAMIN OPH 026
1629 OWEN DRIVE A P AC
FAYETTEVILLE 28304 919 484-6141

COPELAND, GARY BRENT 034
300 S. HAWTHORNE RD. BOX 101 A S
WINSTON-SALEM 27103 919 724-4537

COPPEDGE, THOMAS OLIVER, JR. DR 060
4201 ABINGDON ROAD A AC
CHARLOTTE 28211 704 376-5597

COPPRIDGE, ALTON JAMES U 032
923 BROAD STREET A P * AC
DURHAM 27705 919 286-1297

CORBETT, JOHN RICHARD R 010
924 HOWE ST. A AC
SOUTHPORT 28461 919 457-5271

CORCORAN, EDWIN EMMONS IM /GE 011
69 MCDOWELL STREET A L
ASHEVILLE 28801 704 258-3870

CORDELL, A. ROBERT CDS /TS 034
BOWMAN GRAY SCH. OF MED. A AC
WINSTON-SALEM 27103 919 748-4672

CORLEY, MALCOLM OSBOURNE DR 050
ROUTE #1, BOX 391 AC
SYLVA 28779 704 586-6371

CORLEY, ROBERT WILLIAM IM /CD 060
1850 E. THIRD STREET AC
CHARLOTTE 28204 704 375-8677

CORPENING, ALBERT NEWTON FP 092
141 E. MAIN ST. * AC
PO BOX 158
YOUNGSVILLE 27596 919 556-2126

CORPENING, JOSEPH DURHAM PD 080
720 GROVE STREET AC
SALISBURY 28144 704 636-5576

CORRELL, EARL EUGENE GP 013
KANNAPOLIS MEDICAL CLINIC A P AC
KANNAPOLIS 28081 704 933-2101

CORT, CAROLYN RAY PD 061
P. O. BOX 188 * AC
BURNSVILLE 28714 704 682-6912

COSGROVE, KENNETH EDWARD IM /CD 045
510 7TH AVENUE, WEST A P * AC
HENDERSONVILLE 28739 704 692-2231

COSTENBADER, WM. B., JR. OTO /HNS 011
131 MCDOWELL STREET A P AC
ASHEVILLE 28801 704 254-3517

COTTRELL, WILLIAM MILNES AN 013
758 WILLIAMSBURG DR. A * AC
CONCORD 28025 704 786-2111

COUGHLIN, JOYCE DESMOND U 011
1 DOCTORS PARK A AC
ASHEVILLE NC 28801 704 253-5314

COUGHLIN, PAUL WM. FITZHENRY U 040
624 QUAKER LANE, D-100 A * AC
HIGH POINT 27262 919 886-5151

COUNCIL, ALBERT BARBEE, JR. GP 079
701 S. VAN BUREN ROAD AC
EDEN 27288 919 623-1514

COUNCIL, JOHN CROMARTIE, JR. PD 060
1851 E. THIRD ST., STE. 103 AC
CHARLOTTE 28204 704 333-6659

COUNDOURIOTIS, ANDREW 032
1500 DUKE UNIV. RD. APT. L-3-C A S
DURHAM 27701 919 489-1701

COURIE, MAURICE NICKOLA GYN 092
3145 ESSEX CIRCLE AC
RALEIGH 27608 919 782-3698

COURTS, ANDREW JOHNSON CHP /P 041
1024 PROFESSIONAL VILLAGE A P AC
GREENSBORO 27401 919 272-4262

COVEY, JONATHAN BALDRIDGE 032
P-2 OLD WELL APTS. A S
501 JONES FERRY RD.
CARRBORO 27510 919 942-5477

COVINGTON, DONALD SCOTT 032
136-A PUREFOY RD. A S
CHAPEL HILL 27514

COVINGTON, JOHN M.C. OPH 042
506 FRANKLIN STREET A L/RT
ROANOKE RAPIDS 27870 919 537-3644

COVINGTON, MARTIN CADE FP 053
212 W. MAIN STREET AC
SANFORD 27330 919 776-1412

COWAN, LEON KERR D 098
WILSON DERM. CLINIC, PA A AC
702 BROAD ST.
WILSON 27893 919 291-5600

COWAN, ROBERT JENKINS NM /R 034
2869 FAIRMONT ROAD A AC
WINSTON-SALEM 27106 919 748-4932

COWARD, HOLLYJEAN 034
303 S. HAWTHORNE RD., APT. #1 A S
WINSTON-SALEM 27103 919 724-4554

COWHERD, DAVID MCLELLAN CD 000
10911 63RD STREET R
TEMPLE TERRACE, FL 33617 813 989-0181

COX, ALEXANDER MCNEIL GP 079
325 S. MARKET STREET A L/RT
MADISON 27025 919 548-2240

COX, JEFFREY NEAL 034
191 DALEWOOD DR. APT. 8 A S
WINSTON-SALEM 27104 919 765-6153

COX, MICHAEL ALLEN AN 074
PHYSICIAN'S QUAD., BLDG.F A AC
GREENVILLE 27834 919 752-2140

COX, PATRICIA MARY 032
2011 BEDFORD ST., APT. #4 A S
DURHAM 27707 919 489-0179

COX, RONNIE LEWIS /CD 040
624 QUAKER LANE AC
HIGH POINT 27262 919 885-2111

COX, RUSSELL JACKSON PD 036
902 COX RD. STE. C A AC
GASTONIA 28052 704 864-6522

COX, STANLEY CULLEN, III OTO 063
205 CREST ROAD A AC
SOUTHERN PINES N C 28387 919 295-6831

COX, WILLIAM FOSCUE IM /GPM 034
3740 KIRKLEES ROAD A L/RT
WINSTON-SALEM 27104 919 765-2626

COXE, JAMES SHERWOOD, III END /IM 092
3410 EXECUTIVE DRIVE A AC
RALEIGH 27609 919 876-7692

COZART, WILEY HOLT GP 092
218 PINE STREET * AC
FUQUAY-VARINA 27526 919 552-2268

CRACKER, ANDREW ROBERT OBG 065
1809 GLEN MEADE ROAD A AC
WILMINGTON 28401 919 763-9833

CRADDOCK, LARRY WAYNE OBG 060
449 N. WENDOVER RD. A AC
CHARLOTTE 28211 704 376-0360

CRAIG, ISAAC ALAN PTH 025
PO BOX 2606 AC
NEW BERN 28560 919 633-8194

CRAIG, ROBERT LAWRENCE P 011
16 COLONIAL PLACE A L/RT
ASHEVILLE 28804

CRAIGE, ERNEST CD /IM 032
UNC SCHOOL OF MEDICINE 229-H AC
338 BURNETT-WOMACK CLI SC BLDG
CHAPEL HILL 27514 919 966-4256

CRAIN, BARBARA JEAN PTH 032
106 FOXRIDGE COURT A AC
CHAPEL HILL 27514 919 286-0411

CRAIN, JACK LEE GYN /END 060
CHARLOTTE MEM. HOSP. A AC
DEPT. OF OB-GYN
CHARLOTTE 28232 704 372-4600

CRANDALL, ROBERT GORDON P 060
1900 RANDOLPH RD. STE. 900 AC
CHARLOTTE 28207 704 333-7722

CRANE, GEORGE LEVERING IM 032
1200 BROAD STREET L
DURHAM 27705 919 286-4889

CRANE, GEORGE WILLIAM, JR. D 032
1200 BROAD STREET A AC
DURHAM 27705 919 286-7903

CRANE, LARRY MARTIN DR 032
24 CHANCERY PLACE A AC
DURHAM 27707 919 470-5289

CRANFORD, HAROLD DAVIS OPH 029
22 YOUNG DR. AC
PO BOX 747
LEXINGTON 27292 704 249-7544

CRANZ, OSCAR WILLIAM GS 054
1605 DUBOSE DR. A L/RT
PO BOX 1316
KINSTON 28501 919 523-3677

CRAVEN, DALLAS CLIFFORD, JR. GS 060
2104 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 377-3900

CRAVEN, FREDERICK THORNS GP 013
P. O. BOX 185 A L/RT
CONCORD 28025 704 782-2710

CRAVEN, NICHOLAS SCOTT FP /P 029
123 EASTSIDE DR. AC
LEXINGTON 27292 704 246-2253

CRAVEN, THOMAS, JR. ORS 065
2001 S. 17TH STREET A AC
WILMINGTON 28401 919 763-7344

CRAWFORD, JOHN LITTLEFIELD,III OPH 045
1701 OLD VILLAGE ROAD A P * AC
HENDERSONVILLE 28739 704 693-1773

CRAWFORD, JOHN ROBERT, III OPH 080
310 N. MAIN STREET A P AC
SALISBURY 28144 704 633-7542

CRAWFORD, LARRY CLARKE GS /TS 001
316 N. GRAHAM-HOPEDALE RD. A AC
BURLINGTON 27215 919 227-3621

CRAWFORD, ROBERT CECIL, JR. OBG 040
P. O. BOX 5543 AC
HIGH POINT 27262 919 889-5422

CRAWFORD, ROBERT ORR, JR. OPH 033
101 CLINIC DR. A AC
TARBORO 27886 919 823-2105

CRAWLEY, GEORGE EDWARD, III 074
1106 W. ROCK SPRING RD. A S
GREENVILLE 27834 919 830-0748

CREASMAN, WILLIAM THOMAS ON /OBG 032
BOX 3079, DUMC AC
DURHAM 27710 919 684-3765

CREDLE, WILLIAM FRONTIS, JR. PUD /IM 065
1202 MEDICAL CENTER DRIVE A AC
WILMINGTON 28401 919 763-8251

CREECH, JOSEPH JAN IM 051
707 LASSITER ST. AC
SMITHFIELD 27577 919 934-0212

CREED, DON WENDELL GP 009
HOSPITAL DRIVE, BOX 1477 AC
ELIZABETHTOWN 28337 919 862-8184

CREED, GEORGE OTIS GP 083
P. O. BOX 809 A AC
LAURINBURG 28352 919 276-0421

CREGAN, GREGG EDWARD ORS /HS 032
BOX 25007 A R
1425 PLAZA DR.
WINSTON-SALEM 27114 919 768-1270

CREIGHTON, ROBERT KILGO OBG 065
6442 SHINNWOOD RD. AC
WILMINGTON 28403 919 256-6356

CRESENZO, VICTOR MICHAEL CD 079
18210 PALO VERDE DRIVE A RT
SUN CITY, AZ 85373 602 977-3874

CREWS, DAVID ALLEN AN 041
3106 MADISON AVE. AC
GREENSBORO 27403 919 299-6343

CREWS, HARRY DENNISTON NEP /IM 011
10 MCDOWELL STREET A AC
ASHEVILLE 28801 704 258-8545

CRIGLER, NORRIS WOLF, JR. R 011
P. O. BOX 2959 A * AC
ASHEVILLE 28801 704 254-4617

CRISP, SELLERS LUTHER ORS 074
6 MEDICAL PAVILION A AC
GREENVILLE 27834 919 752-4613

CRISSMAN, CLINTON SAMUEL FP 001
219 E. ELM STREET A L
GRAHAM 27253 919 226-2448

CRISSMAN, MARK ANDERS FP 001
219 E. ELM ST. A AC
GRAHAM 27253 919 226-2448

CRIST, TAKEY OBG 067
200 MEMORIAL DRIVE A AC
JACKSONVILLE 28540 919 353-2115

CRITTENDEN, SUSAN LAWRENCE IM 092
103 BAINES CT. AC
CARY 27511 919 467-6125

CROCKER, DANIEL LIND ON /HEM 064
100 NASH MEDICAL ARTS MALL * AC
ROCKY MOUNT 27801 919 443-9084

CROFT, JAMES MORRIS FP 012
P. O. DRAWER 849 A P AC
MORGANTON 28655 704 437-9401

CROMARTIE, WILLIAM JAMES ID 032
804 FLOB 23L-H/DEPT.MIC.& IMMU A L
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514 919 966-5925

CRONLAND, MURPHY ALAN GP 055
P. O. BOX 488 AC
LINCOLNTON 28092 704 735-3048

CROOK, JOHN NEWMAN GS /CDS 013
56 LAKE CONCORD ROAD A P AC
CONCORD 28025 704 786-1104

CROOM, ARTHUR BASCOM R 040
P. O. BOX 5007 A L
HIGH POINT 27262 919 882-4915

CROOM, DORWYN WAYNE, II PTH 012
309 ROBINHOOD DRIVE AC
MORGANTON 28655 704 438-2128

CROOM, ROBERT DEVANE, III GS 032
NCMH, DEPT. OF SURGERY A AC
CHAPEL HILL 27514 919 966-4416

CROOM, ROBERT DEVANE, JR. GP 078
501 MCCASKILL AVE. A L/RT
MAXTON 28364 919 844-3160

CROSBY, BETTY JEAN HALL PD 060
7119 ROLLINGRIDGE DR. A AC
CHARLOTTE 28211 704 365-0605

CROSBY, EDWARD BROWN ORS 011
34 GRANBY STREET A P AC
ASHEVILLE 28801 704 258-0847

CROSBY, FAITH BERNADETTE PD 029
244 FAIRVIEW DRIVE P AC
LEXINGTON 27292 704 246-4333

CROSKERY, RICHARD WILLIAM IM 074
1705 W. 6TH ST., BLDG. E AC
GREENVILLE 27834 919 752-6101

CROSLAND, DAVID BAILEY OBG 013
1054 BURRAGE ROAD, N. E. A P AC
CONCORD 28025 704 788-4151

CROSS, ALAN WHITTEMORE PD /GPM 032
CLINICAL SCIENCES BLDG. A AC
UNC, DEPT. OF PEDIATRICS
CHAPEL HILL 27514 919 962-1136

CROSS, ALMON RUFUS OBG 040
414 HILLCREST DRIVE A L/RT
HIGH POINT 27262 919 884-1236

CROSS, ALRED CHARLES, JR. OM /GP 041
AT&T TECHNOLOGIES, INC. A AC
P. O. BOX 25000
GREENSBORO 27420 919 279-7108

CROSS, ROBERT VANDERVOORT GYN 040
P. O. BOX 5128 A AC
HIGH POINT 27262 919 887-3011

CROSSLEY, JAMES JOHN OTO /A 041
100 E. NORTHWOOD ST. A AC
GREENSBORO 27401 919 274-5441

CROUCH, WALTER LEE PD 065
1902 BREWTON COURT A RT
WILMINGTON 28403 919 762-3619

CROUNSE, ROBERT GRIFFITH D 074
RT. #2, BOX 263-T A AC
BLOUNTS CREEK 27814 919 757-4629

CROUSE, JOHN ROBERT, III IM 034
BOWMAN GRAY SCH. OF MED. A AC
300 S. HAWTHORNE ROAD
WINSTON-SALEM 27103 919 748-2674

CROUTCHER, DONALD LEWIS R/NM 082
P. O. BOX 1130 A AC
CLINTON 28328 919 592-6924

CROW, JOHN BUREN FP 023
591 CROW ROAD A AC
SHELBY 28150 704 487-7052

CROW, LAURA LOMAX 032
202 TALLYHO TRAIL A R
CHAPEL HILL 27514 919 966-4131

CROW, SAMUEL LESLIE IM /CD 011
110 W. DOCTOR'S BUILDING A L
ASHEVILLE 28801 704 252-5633

CROWE, JAMES EARL DR 086
RADIOLOGY DEPT. A AC
NORTHERN HOSP. OF SURRY CO.
MOUNT AIRY 27030 919 789-9541

CROWE, JOHN ALBERT, JR GS 086
HOOTS MEM. HOSPITAL A AC
BOX 68
YADKINVILLE 27055 919 689-3111

CROWELL, BRADFORD ALLAN, JR. 032
BOX 2737, DUMC A S
DURHAM 27710 919 688-1575

CROWELL, CHARLES CARLOS, III CD /IM 040
624 QUAKER LN., STE. 103-C A P AC
HIGH POINT 27262 919 885-6168

CROWELL, GORDON CAMERON IM 055
ROUTE #4, BOX 999 A AC
LINCOLNTON 28092 704 735-1430

CROYLE, TERRENCE ALAN OPH /EM 034
110 CAPISTRANO COURT A R
WINSTON-SALEM 27103 919 760-2646

CRUDEN, THOMAS BERNARD FP 014
401 MULBERRY ST. #200 * AC
LENOIR 28645 704 754-0707

CRUM, AMY ELIZABETH 034
305 S. HAWTHORNE RD. APT. #6 A S
WINSTON-SALEM 27103

CRUMLEY, CHARLES EDWIN IM 055
P. O. BOX 1309 AC
LINCOLNTON 28093 704 735-3081

CRUMMIE, ROBERT GWINN P 026
6245 CLIFFDALE ROAD * AC
FAYETTEVILLE 28304 919 868-4816

CRUMPLER, JAMES FULTON PD 064
414 PEACHTREE STREET A L
ROCKY MOUNT 27804 919 442-1523

CRUMPLER, JAMES FULTON, JR. OTO 064
105-C FOY DRIVE AC
ROCKY MOUNT 27801 919 443-7878

CRUMPLER, RANDALL SCOTT FP 092
1005 VANDORA SPRINGS RD. AC
GARNER 27529 919 779-1440

CRUTCHFIELD, ANDREW JACKSON IM /CD 034
2240 CLOVERDALE AVE., STE. 93 A P * AC
WINSTON-SALEM 27103 919 725-5669

CRUTCHFIELD, WILLIAM MONROE OTO /PS 070
1134 N. ROAD STREET AC
ELIZABETH CITY 27909 919 335-2923

CRUTCHLEY, WILLIAM F., JR. GS 070
1134 N. ROAD STREET A P AC
ELIZABETH CITY 27909 919 338-3909

CRUZ, CORAZON SAMODIO R/GP 055
ROUTE #2, BOX 310 AC
LINCOLNTON 28092 704 435-4586

CUBBERLEY, CHARLES LAMB, JR. FP 098
P. O. BOX 95 A L
WILSON 27894 919 243-4638

CUENCA, NELIDA ALBA PD /PH 023
BOILING SPRINGS MED. ASSOC. A AC
P. O. BOX 1094
BOILING SPRINGS 28017 704 434-2281

CULLEN, PETER PATRICK IM 034
250 CHARLOIS BOULEVARD AC
WINSTON-SALEM 27103 919 768-4730

CULLEY, JAMES PAUL GS 062
DRAWER D A AC
TROY 27371 919 572-3737

CULLOM, JOSEPH WILLIAM GS 040
624 QUAKER LN., STE. 200-C AC
PO BOX 5229
HIGH POINT 27262 919 887-3164

CULP, JOHN HARRY, JR. GYN 060
401 S. SHARON AMITY ROAD A AC
CHARLOTTE 28211 704 365-0110

CULPEPPER, FRED CARROLL, III PD 060
1851 E. THIRD ST., STE. 103 AC
CHARLOTTE 28204 704 333-6659

CULTON, JULIAN CLARK OPH 060
1600 E. THIRD STREET A P AC
CHARLOTTE 28204 704 372-3300

CULTON, YANCEY GOELET, JR. GYN 032
2609 N. DUKE ST. STE. 503 A AC
DURHAM 27704 919 471-6832

CUMMINGS, CHARLES EMMETT D 011
281 MCDOWELL STREET A AC
ASHEVILLE 28803 704 252-5676

CUNANAN, ANNE REGINA 032
140 RIDGE TR. A S
CHAPEL HILL 27514 919 467-0307

CUNNINGHAM, EDWARD RAY GS /GP 087
P. O. BOX 760 A AC
BRYSON CITY 28713 704 488-2283

CUNNINGHAM, GEORGE ROBINSON FP 059
SUGAR HILL ROAD AC
P. O. BOX 39
MARION 28752 704 652-8727

CUNNINGHAM, MARK ALAN AN 011
202 DOCTOR'S BLDG. A * AC
ASHEVILLE 28801 704 254-1969

CUNNINGHAM, PAUL RAY GOLDWYN GS 074
ECU, BRODY BLDG., ROOM 4S-10 A AC
GREENVILLE 27834 919 757-2620

CURNES, JOHN TAYLOR R 032
UNC DEPT. OF RADIOLOGY A AC
CHAPEL HILL 27514 919 966-3084

CURRIE, DONALD PATRICK U 034
1806 S. HAWTHORNE RD. A AC
PO BOX 5655
WINSTON-SALEM 27103 919 768-0735

CURRIE, JOHN LAUCHLIN GYN /ON 032
UNC DEPT. OF OB-GYN AC
CHAPEL HILL 27514 919 966-1195

CURRIN, JAMES MITCHELL, JR. FP 083
515 LAUCHWOOD DRIVE A P AC
LAURINBURG 28352 919 276-1340

CURRIN, JOE BADGETT, JR. IM 092
500 N. ENNIS STREET A P * AC
FUQUAY-VARINA 27526 919 552-2275

CURRY, CLAYTON SMITH GYN 060
1309 PLAZA * L
CHARLOTTE 28205 704 376-5698

CURTIS, RICHARD FRANKLIN R/NM 014
PO BOX 659 A P AC
LENOIR 28645 704 754-8421

CURTIS, THOMAS EDWIN P 032
NCMH, DEPT. OF PSYCHIATRY AC
CHAPEL HILL 27514 919 966-4447

CUTCHIN, JOSEPH HENRY, JR. GP 018
P. O. BOX 67 A AC
SHERRILLS FORD 28673 704 478-2431

CUTCHIN, LAWRENCE MCGILBRA IM /PD 033
101 CLINIC DRIVE A * AC
TARBORO 27886 919 823-2105

CUTHRELL, WILLIAM VANCE OBG 067
U.S. NAVAL HOSP., DEPT. OF OBG A AC
CAMP LEJEUNE 28542 919 451-4574

CUTSON, TONI MICHELE FP /IM 034
8838 HOMEWOOD DRIVE A AC
CLEMMONS 27012 919 748-2248

CUTTINO, JOHN TINDAL PTH 060
101 HIGHLAND FOREST DRIVE A L
MATTHEWS 28105 704 847-4957

CUTTINO, JOHN TINDAL, JR. R 032
UNC, DEPT. OF RADIOLOGY AC
CHAPEL HILL 27514 919 966-3084

CYNN, STEVEN JAE FP /GYN 044
102 HOSPITAL DRIVE A AC
CLYDE 28721 704 452-0611

CZERMAK, CHARLES LOUIS, JR. DR 095
P. O. BOX 1781 AC
BOONE 28607 704 264-6984

D'ERCOLE, AUGUSTINE JOSEPH PDE /NPM 032
BURNETT-WOMACK BLDG. 229-H AC
UNC, DEPT. OF PEDIATRICS
CHAPEL HILL 27514 919 966-4435

DABBS, DAVID JOSEPH PTH 074
BRODY 1F79, ECU SCH. OF MED. A AC
GREENVILLE 27834 919 757-4495

DACUS, ROBERT MABRY, III OBG 029
1302 LEXINGTON AVENUE A AC
THOMASVILLE 27360 919 475-6139

DAGENHART, TIMOTHY LEE 074
322 SPRINGHILL RD. A S
GREENVILLE 27834 919 830-1242

DAHNERS, LAURENCE E. ORS 032
UNC, ORTHOPAEDIC SURGERY A AC
237 BURNETT-WOMACK BLDG.229H
CHAPEL HILL 27514 919 966-2039

DAILEY, MARTEL JENNINGS GP 007
P. O. BOX 744 AC
WILLIAMSTON 27892 919 792-3388

DALE, FREDERICK PAYNE GS 054
P. O. BOX 1316 A RT
KINSTON 28501 919 522-1626

DALE, GROVER CLEVELAND GP 096
3293 RANDY ROAD A L
LANCASTER, PA 17601 717 898-8033

DALEY, JOHN GILBERT OBG /END 065
2143 ECHO LANE A P AC
WILMINGTON 28403 919 343-0161

DALEY, MICHAEL BERNARD IM 062
423 WOOD STREET AC
TROY 27371 919 572-3779

DALLDORF, FREDERIC GILBERT PTH 032
11 WOODHAVEN ROAD AC
CHAPEL HILL 27514 919 966-4541

DALTO, CARMINE PUD /IM 060
1928 RANDOLPH RD. STE. 206 A AC
CHARLOTTE 28207 704 375-9932

DALTON, BENNIE BOOKER GP 076
606 WAYNICK, BOX 8101 A L/RT
WRIGHTSVILLE BEACH 28480 919 256-5956

DALTON, CLAUDETTE ELLIS HARLOE AN 060
3205 GLEN TERRACE A AC
CHARLOTTE 28211 704 364-6228

DALTON, HORACE MILTON OPH 054
KINSTON CLINIC, NORTH A L/RT
KINSTON 28501 919 522-1611

DALY, JAMES KEARNEY DR /P 054
2179 FOX RUN DR. AC
KINSTON 28501 919 522-1261

DALY, JOHN T. PTH /FOP 032
P. O. BOX 15337 A AC
DURHAM 27704 919 477-6742

DALY, LIAM N. P 026
2557 RAVENHILL DR., BLDG. 1A A AC
FAYETTEVILLE 28303 919 484-5151

DALY, MICHAEL JAMES GS /TRS 051
706 WILKINS STREET AC
P. O. BOX 87
SMITHFIELD 27577 919 934-5189

DAMBECK, ALLYN BENARD EM 082
312 FOX LAKE DRIVE A AC
CLINTON 28328 919 592-8511

DAMERON, THOMAS BARKER, JR. ORS 092
P. O. BOX 10707 A P * AC
RALEIGH 27605 919 781-5600

DANFORD, JERRY LEE GYN 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

DANIEL, CROWELL TURNER, JR. OBG 026
1641 OWEN DRIVE A AC
FAYETTEVILLE 28304 919 484-6474

DANIEL, JOHN THOMAS, JR. GS 032
415 DUNSTAN STREET A P * AC
DURHAM 27707 919 682-7378

DANIEL, LOUIE SAMUEL FP 039
124 PINE CONE DRIVE A L/RT
OXFORD 27565 919 693-6735

DANIEL, LOUIS BROADDUS, JR. ORS 063
PINEHURST SURGICAL CLINIC A AC
PINEHURST 28374 919 295-1042

DANIEL, THOMAS BRANTLEY U 092
110 SELMA RD. A L/RT
PO BOX 845
WENDELL 27591 919 365-5550

DANIEL, THOMAS MANNING PD 051
501 SELMA RD. A P AC
PO BOX 568
SMITHFIELD 27577 919 934-7123

DANIEL, WALTER EUGENE AN 092
312 BUNCOMBE STREET A P AC
RALEIGH 27609 919 832-7988

DANIS, MARION IM 032
UNC DEPT. OF MEDICINE AC
5025-A OLD CLINIC BLDG.
CHAPEL HILL 27514 919 966-2276

DANOFF, JASCHA WOLSEY CHP /P 074
ECU, DEPT. OF PSYCHIATRY A AC
GREENVILLE 27834 919 757-2660

DARDEN, JAMES LEE, JR. FP 008
ACADEMY ST., MED. ARTS BLDG. AC
AHOSKIE 27910 919 332-3548

DARLING, THOMAS NOEL 032
2806 ERWIN RD. A S
DURHAM 27705 919 383-5844

DARROW, DAVID HOWARD 032
3727 KENMORE ROAD A S
DURHAM 27705 919 477-5142

DARSIE, JAMES LEIGH OTO 014
MULBERRY MEDICAL PARK P * AC
LENOIR 28645 704 754-2464

DARWIN, ROBERT HOWARD DR 032
3430-B OLD CHAPEL HILL RD. S
DURHAM 27707 919 489-7534

DASCOMB, HARRY EMERSON IM /ID 092
3000 NEW BERN AVENUE A AC
RALEIGH 27610 919 755-8520

DASHER, GEORGE ALBERT U 060
1333 ROMANY ROAD A P AC
CHARLOTTE 28204 704 372-5180

DAUGHERTY, HARRY KARRICK TS /CDS 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1500

DAUGHERTY, JANICE ELAINE FP 074
P. O. BOX 339 A AC
BETHEL 27812 919 757-4614

DAUGHERTY, MELBA DAUNE EM 034
2021 ELIZABETH AVE. A R
WINSTON-SALEM 27103 919 724-6976

DAUGHTRIDGE, CLAY C., JR IM /CD 063
P. O. BOX 519 A AC
205 PAGE ROAD
PINEHURST 28374 919 295-5511

DAUGHTRIDGE, TRUMAN GIFFIN R 008
706 WOODLAWN DRIVE A AC
AHOSKIE 27910 919 332-8121

DAVANT, CHARLES, III FP 095
P. O. BOX 8 A AC
BLOWING ROCK 28605 704 295-3116

DAVANT, CHARLES, JR. FP /OPH 095
P. O. BOX 8 A AC
BLOWING ROCK 28605 704 295-3116

DAVENPORT, JOHN EMMETT IM 060
201 E. MATTHEWS ST. A AC
MATTHEWS 28105 704 847-3380

DAVEY, ANDREW MARTIN 034
1618 QUEEN ST. A S
WINSTON-SALEM 27103 919 722-9260

DAVIDIAN, VARTAN AMBAR, JR. PS /GS 092
1112 DRESSER COURT A AC
RALEIGH 27609 919 872-2616

DAVIDSON, ANDREW OPH 025
802 MCCARTHY BLVD. A P AC
NEW BERN 28560 919 633-4183

DAVIDSON, LARRY STEVEN 074
1183 MULBERRY LN, APT. 30-G A S
GREENVILLE 27834 919 752-7202

DAVIDSON, ROBERT CLABAUGH 032
BOX 2718, DUMC A S
DURHAM 27710 919 383-5047

DAVIS, ANDREW CALVIN OPH 012
335 E. PARKER RD. AC
MORGANTON 28655 704 433-6220

DAVIS, ARTHUR EMERSON, JR. PTH /A 092
1209 COWPER DRIVE AC
RALEIGH 27608 919 833-9839

DAVIS, COURTLAND HARWELL,JR. NS 034
BOWMAN GRAY SCH. OF MED. A P * AC
WINSTON-SALEM 27103 919 748-4083

DAVIS, DANIEL WHITAKER FP 004
402 MORVEN ROAD A AC
WADESBORO 28170 704 694-2129

DAVIS, DONALD FALES P/N 096
ROUTE #10, BOX 46 A AC
GOLDSBORO 27530 919 778-3973

DAVIS, DWIGHT GROOME, JR. GS /TS 092
3801 COMPUTER DRIVE A AC
RALEIGH 27609 919 787-8393

DAVIS, EDWARD LANGSTON IM /CD 034
2125 NEW WALKERTOWN ROAD AC
WINSTON-SALEM 27101 919 723-4281

DAVIS, FRANK ELBERT, III GS /CDS 064
100 NASH MEDICAL ARTS MALL A AC
ROCKY MOUNT 27801 919 443-9084

DAVIS, GEORGE EDWARD PD 074
8 MEDICAL PAVILION A AC
GREENVILLE 27834 919 758-1750

DAVIS, GEORGE THOMAS OBG 076
230 FOUST STREET AC
ASHEBORO 27203 919 625-6128

DAVIS, JACK BEASON P 001
1946 MARTIN STREET A AC
BURLINGTON 27215 919 228-0581

DAVIS, JAMES EVANS GS /TS 032
2609 N. DUKE ST., STE. 402 A P * AC
DURHAM 27704 919 471-8439

DAVIS, JAMES HOWELL CDS /TS 092
2800 BLUE RIDGE BLVD., STE 306 A AC
RALEIGH 27607 919 782-7900

DAVIS, JAMES NORMAN N 032
V. A. MEDICAL CTR., NEUROLOGY AC
DURHAM 27705 919 286-0411

DAVIS, JEROME IRVIN GP /EM 034
ROUTE #3, BOX 253-A A P AC
ADVANCE 27006 919 998-2605

DAVIS, JOHN D., JR. FP 095
P. O. BOX 8 A AC
BLOWING ROCK 28605 704 295-3116

DAVIS, JOHN DOUGLAS 034
1721 QUEEN ST. A S
WINSTON-SALEM 27103 919 777-0316

DAVIS, JOHN PRESTON IM 034
329 BANBURY ROAD A L/RT
WINSTON-SALEM 27104 919 768-5390

DAVIS, JOHN WOODROW FP 018
24 SECOND AVENUE, N. E. A AC
HICKORY 28601 704 328-2231

DAVIS, JUNIUS WEEKS, JR. PD /PH 025
201 ABNER NASH ROAD AC
NEW BERN 28560 919 633-4121

DAVIS, KEITH ALAN 032
102 RAINBOW DR. A S
CARRBORO 27510 919 968-1728

DAVIS, MICHAEL LEE IM 025
EASTERN CAROLINA INT. MED. A AC
P. O. BOX 68
POLLOCKSVILLE 28573 919 224-4591

DAVIS, NELSON PARKE, II GS /CDS 098
1700 S. TARBORO STREET A AC
WILSON 27893 919 291-1300

DAVIS, OWEN KIDDER OBG /END 034
BRIGHAM AND WOMENS HOSP. A R
75 FRANCIS ST.
BOSTON, MA 02115 212 249-9703

DAVIS, PHILIP BIBB GS 041
1125 GATEHOUSE RD. A L
HIGH POINT 27260 305 276-6779

DAVIS, PHILIP COLEMAN OBG 011
93 VICTORIA ROAD A AC
ASHEVILLE 28801 704 253-4821

DAVIS, ROBERT LEE DR /NM 004
515 CAMDEN ROAD A P AC
WADESBORO 28170 704 694-3597

DAVIS, ROBERT NICHOLAS D 041
600 WALTER REED DRIVE AC
GREENSBORO 27403 919 294-6555

DAVIS, RUFUS JACKSON GP 036
P. O. BOX 337 A AC
CRAMERTON 28032 704 825-8266

DAVIS, TIMOTHY EUGENE GS /CRS 041
1409 PEMBROKE RD., SUITE 400 A P AC
GREENSBORO 27408 919 273-8691

DAVIS, WALTER ETCHELLS ON /HEM 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

DAVIS, WAYNE EDWARD U 034
1806 S. HAWTHORNE RD. A AC
PO BOX 5655
WINSTON-SALEM 27103 919 768-0735

DAVIS, WILLIAM HERSEY, JR. ADL /PD 034
301 MILLER STREET, SUITE 108 A AC
WINSTON-SALEM 27103 919 723-1686

DAWKINS, HOWARD GARRETT, JR. PS /GS 074
2577 STANTONSBURG ROAD A AC
GREENVILLE 27834 919 752-1406

DAWKINS, JENNINGS RAY, JR. IM 092
1505 BARLEY PLACE A AC
RALEIGH 27615 919 248-2656

DAWSON, ROBERT EDWARD OPH 032
512 SIMMONS STREET A AC
DURHAM 27701 919 682-7175

DAY, JAMES WILLIAM IM 034
2240 CLOVERDALE AVE. A AC
STE. 118, PROFESSIONAL BLDG.
WINSTON-SALEM 27103 919 722-7178

DAY, PHILIP MARK GP 023
198 LAKESIDE DR. A AC
GROVER 28073 704 937-7905

DE ANGELIS, WASHINGTON JULIO FP /DIA 032
1001 S. HAMILTON ROAD AC
CHAPEL HILL 27514 919 968-4551

DE GUEHERY, LINDSEY ELLIOTT PUD 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-1300

DE JUAN, EUGENE, JR. OPH 032
BOX 3802, DUKE EYE CENTER A AC
DURHAM 27710 919 684-5631

DE LA GARZA, CARLOS ARTURO FP 018
24 SECOND AVE., NE A AC
HICKORY 28601 704 328-2231

DE LOS SANTOS, MANUEL TREVINO OBG 018
ROUTE #2, BOX 195 A AC
CONOVER 28613 704 322-4920

DE LUCA, PAMELA S. 034
1608-G NORTHWEST BLVD. A * S
WINSTON-SALEM 27104 919 723-3699

DE-LA-TORRE, ERNESTO ESTEBAN NS 034
3080 TRENWEST DRIVE A AC
WINSTON-SALEM 27103 919 765-3750

DE-VARONA, JOSE MIGUEL FP /P 067
215 MEMORIAL DRIVE AC
JACKSONVILLE 28540 919 353-5118

DEALY, DARILYN HEDDEN ID 011
445 BILTMORE CTR., STE. 404 AC
ASHEVILLE 28801 704 258-9635

DEAN, CLAYTON CLEWIS GS /CDS 095
207 LONGVUE DRIVE A AC
BOONE 28607 704 264-7650

DEAN, JOHN NEWELL IM 011
147 ASHLAND AVENUE A AC
ASHEVILLE 28801 704 258-1188

DEAN, ROBERT JAMES AN 054
P. O. BOX 1572 A AC
KINSTON 28501 919 522-3177

DEANG, CEDRIC RODRIGUEZ GS 029
1300 LEXINGTON AVENUE A AC
THOMASVILLE 27360 919 475-2376

DEANS, WILLIAM RONALD, JR. N 064
2412 PROFESSIONAL DR. A P AC
ROCKY MOUNT 27804 919 443-0041

DEAS, DAVID JOHN P 036
238-3 WILMOT DR., BLDG. 239 A AC
GASTONIA 28054 704 867-2338

DEATON, HUGO L. GS /TS 018
420 N. CENTER STREET A P AC
HICKORY 28601 704 327-9178

DEATON, PHILIP CARL NS 041
200 E. NORTHWOOD ST. STE. 204 A P * AC
GREENSBORO 27401 919 379-0077

DEATON, PLEASANT PAUL GS 012
PO BOX 700 A AC
VALDESE 28690 704 874-0555

DEBNAM, GEORGE CLYDE GP /OBS 092
524 S. BLOUNT STREET A AC
RALEIGH 27601 919 832-1667

DEBOGORSKI, JOZEFA PM 074
PO BOX 6028 A P AC
GREENVILLE 27834 919 757-4440

†DECAMP, ALLEN LEDYARD OBG 060
3411 SEWARD PLACE L
DECEASED -- 4-26-86
CHARLOTTE 28211 704 366-4015

DECLERCK, PAUL ALBERT FP 054
2503 N. QUEEN STREET A AC
KINSTON 28501 919 522-3717

DEE, ARTHUR LAURENCE PTH 060
5210 CARMEL PARK DRIVE AC
CHARLOTTE 28226 704 331-2251

DEEKENS, STEWART ANDREWS, JR. FP 012
350 E. PARKER ROAD A AC
MORGANTON 28655 704 437-9401

DEEPE, ROBERT GS 042
915 W. THIRD ST. AC
ROANOKE RAPIDS 27870 919 535-1585

DEERING, TIMOTHY BRADFORD GE /IM 011
30 CHOCTAW STREET A P AC
ASHEVILLE 28801 704 254-0881

DEES, JOHN ESSARY U 032
DUKE HOSPITAL A L/RT
DURHAM 27710 919 684-6928

DEES, JOHN TYLER FP /PH 065
COURTHOUSE AVE., PO BOX 815 A P * AC
BURGAW 28425 919 259-2161

DEES, SUSAN COONS PDA /PD 032
BOX 2913, DUMC A L
DURHAM 27710 919 684-2933

DEFOSSEZ, STEVEN MICHAEL 032
13 N. RIVER BIRCH RD. A R
DURHAM 27705 919 383-2673

DEFRANZO, ANTHONY JOHN PS 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4500

DEGRAW, MARTIN CRAWFORD FP 025
810 KENNEDY AVE. A AC
NEW BERN 28560 919 633-1685

DEHOFF, PHILIP WILLIAM OBG 060
3535 RANDOLPH RD., STE. 105 A AC
CHARLOTTE 28211 704 365-0470

DEL BECCARO, MARIA MARTHA EM 001
ALAMANCE COUNTY HOSPITAL A AC
BURLINGTON 27215 919 228-0768

DEL TORO, MIGUEL HIGINIO DR 029
102 LINDEN LANE AC
LEXINGTON 27292 704 249-1515

DELEON, ARTURO DEJESUS FP /IM 092
1109 DRESSER COURT AC
RALEIGH 27609 919 872-4900

DELEON, ROSEMARY ESPINO AN 092
2903 ADRIAN COURT AC
RALEIGH 27604 919 829-9550

DELLASEGA, MARK GE 074
1705 W. SIXTH ST. A AC
GREENVILLE 27834 919 752-6101

DELLINGER, CLYDE JAMES FP 012
P. O. BOX 8 A AC
DREXEL 28619 704 437-3634

DELTA, BASIL GEORGE GPM /PD 060
249 BILLINGSLEY ROAD AC
CHARLOTTE 28211 704 375-1885

DEMARIA, WILLIAM JOHN PD 092
PO BOX 2291 A * AC
DURHAM 27702 919 493-8256

DEMAS, RONALD CHARLES N/PM 060
2115 EAST 7TH ST.,STE. 101 A AC
CHARLOTTE 28204 704 372-3714

DEMASON, MARC GS 079
518 S. VAN BUREN ROAD A AC
EDEN 27288 919 623-9118

DENHAM, JOHN WILLIAM IM /FP 034
3415 THORESBY CT. AC
WINSTON-SALEM 27104 919 773-3783

DENNIS, KENNETH MICHAEL PD /ADL 044
1 SMATHERS STREET * AC
CLYDE 28721 704 627-9226

DENNIS, PATRICK MICHAEL OPH 054
2104 N. HERRITAGE ST. AC
KINSTON 28501 919 523-9599

DENNIS, RONALD GREENE OTO 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 365-0711

DENNISON, HERBERT EUGENE OBG 045
630 FIFTH AVENUE, WEST AC
HENDERSONVILLE 28739 704 692-2258

DENNY, FLOYD WOLFE, JR. PD /ID 032
BOX 3, WING D, 208-H AC
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514 919 962-1136

DENNY, KEVIN M. P 060
1900 RANDOLPH ROAD AC
CHARLOTTE 28207 704 333-7722

DENTON, WAYNE HOLT P 032
2357 HURON CIRCLE A R
DURHAM 27707 919 684-3714

DENUNA, VICENTE BOGADOR GS /ABS 059
28 N. LOGAN STREET AC
MARION 28752 704 652-5797

DEPERCZEL, JOHN LESLIE ORS /GP 018
521 11TH AVE. CIRCLE NW A P AC
HICKORY 28601 704 324-2800

DERBYSHIRE, JOHN STUART IM 064
322 S. FRANKLIN ST. AC
PO BOX 4777
ROCKY MOUNT 27801 919 977-6746

DESAULNIERS, LANI MARIE FP 032
PHS INDIAN HOSP., BOX 467 A AC
ZUNI, NM 87327 919 967-0667

DESKINS, WILLIAM CYPHERS FP 090
1420 E. FRANKLIN ST. A AC
MONROE 28110 704 289-8427

DESROCHERS, DAVID ALAN R 007
608 E. 12TH STREET A AC
WASHINGTON 27889 919 946-2137

DETERDING, JAMES LEROY NEP /IM 041
208 W. WENDOVER AVENUE A AC
GREENSBORO 27401 919 379-9708

DETWEILER, DONALD GENE DR 092
2017 LANDINGS WAY A AC
RALEIGH 27609 919 755-3023

DEUBNER, DAVID CARL OM /GPM 032
BOX 2914, DUMC AC
DURHAM 27710 919 684-6721

DEVILLA, AMADA RUIZ OPH 042
115 LONG CIRCLE A P AC
ROANOKE RAPIDS 27870 919 537-8193

DEVINE, GERARD MICHAEL IM 078
395 WEST 27TH STREET A AC
LUMBERTON 28358 919 739-7551

DEVINE, LEIBERT EARL FP 021
P. O. BOX 298 AC
EDENTON 27932 919 482-7774

DEWALD, JONATHON GLEN IM 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-1300

DEWALT, JOSEPH LEO IM /ORS 032
IRIS LANE AC
CHAPEL HILL 27514 919 966-2281

DEWAN, DAVID MICHAEL AN 034
BOWMAN GRAY SCH. OF MED. A AC
WINSTON-SALEM 27103 919 773-3259

DEWAR, WILLIAM BANKS IM 092
C/O J. HOPKINS A L/RT
281 KNOLLWOOD DR.
ROCKY MOUNT, VA 24151 703 483-9468

DEYTON, JOHN WESLEY, JR. OBG 067
124 MEMORIAL DRIVE A P AC
JACKSONVILLE 28540 919 353-7741

DEYTON, ROBERT GUY, JR. OBG 074
101 BETHESDA DRIVE A AC
GREENVILLE 27834 919 758-4181

DHATT, MALKIAT SINGH CD /IM 076
P. O. BOX 2028 A AC
ASHEBORO 27203 919 629-4176

DHILLON, TEJPAL SINGH ORS 051
P. O. BOX 1688 AC
SMITHFIELD 27577 919 934-3091

DIAMOND, JOHN MICHAEL P/CHP 074
ECU, DEPT. OF PSYCHIATRY A AC
GREENVILLE 27834 919 757-2673

DIAZ-BUXO, JOSE ANTONIO NEP /IM 060
928 BAXTER STREET A AC
CHARLOTTE 28204 704 374-1321

DICKERSON, ANDREW JACKSON GS /TS 044
1600 N. MAIN STREET A * AC
WAYNESVILLE 28786 704 452-5101

DICKERSON, LEON ARCHIBALD, JR. ORS 060
PO BOX 35228 A AC
CHARLOTTE 28235 704 372-9820

DICKEY, RICHARD ALLEN END /RHU 049
316 GLENEAGLES EAST AC
STATESVILLE 28677 704 878-2011

DICKIE, JAMES WILLIAM GS 065
448 WAYNE DRIVE A L/RT
WILMINGTON 28403 919 762-8429

DICKINSON, MICHAEL WRIGHT GS /CDS 018
420 N. CENTER STREET A AC
HICKORY 28601 704 327-9178

DICKSON, ALBERT PICKETT,III FP 006
P. O. BOX 217 AC
NEWLAND 28657 704 733-9276

DICKSON, BRICE TEMPELTON, JR. IM 036
837 ATHENIAN DR. A L/RT
GASTONIA 28052 704 867-7656

DICKSON, F. KEELS OTO /A 060
485 N. WENDOVER RD. A P AC
CHARLOTTE 28211 704 366-7921

DICKSON, ROBERT TRULOCK GE 054
806 WESTMINISTER LANE AC
KINSTON 28501 919 522-3072

DICKSTEIN, SHERRY ANNE OBG 041
200 E. NORTHWOOD ST. A AC
GREENSBORO 27401 919 275-5391

DIECKMANN, MERWIN R. FP 074
P. O. BOX 1846 A AC
GREENVILLE 27834 919 756-4611

DIETRICK, RONALD BURTON GS /TS 031
KENANSVILLE SURGICAL CLINIC P AC
BOX 845
KENANSVILLE 28349

DIGBY, DONALD JOE OPH 041
3312 BATTLEGROUND AVE. A AC
GREENSBORO 27410 919 282-5000

DIGBY, RONALD WYMAN CD /IM 036
1896 REMOUNT ROAD A AC
GASTONIA 28054 704 867-0735

DILL, DAVID LEE DR 014
203 CEDAR ROCK EST. DR. A AC
LENOIR 28645 704 754-2283

DILL, FRANKLIN GEORGE OBG 067
124 MEMORIAL DRIVE A P AC
JACKSONVILLE 28540 919 353-7741

DILLARD, MARGARET BLEICK IM 074
206 COMMERCE ST. A R
GREENVILLE 27834 919 757-4100

DILLARD, SAM BOOKER D 060
1900 RANDOLPH ROAD, STE. 312 A * AC
CHARLOTTE 28207 704 333-8811

DILLON, DANIEL CHRISTIAN IM /GE 018
11 13TH AVENUE, N. E. A P AC
HICKORY 28601 704 322-1068

DILWORTH, JOHN HERBERT ORS /HS 041
1505 PEMBROKE ROAD A AC
GREENSBORO 27408 919 275-0927

DIMEO, MICHAEL JOSEPH PUD /IM 001
327 GRAHAM-HOPEDALE RD. A P AC
BURLINGTON 27215 919 226-7300

DIMITRIOUS, ROBIN AN 024
P. O. BOX 364 A AC
WHITEVILLE 28472 919 642-8011

DIMMIG, THOMAS A. ORS 032
2609 N. DUKE ST. A AC
DURHAM 27704 919 471-8431

DINAPOLI, RAPHAEL JOSEPH, JR. PH /AM 032
N. C. DIV. OF HEALTH SERVICES A P AC
P. O. BOX 2091
RALEIGH 27602 919 733-2393

DINEEN, JAMES ROBERT ORS 065
1616 MEDICAL CENTER DRIVE A P AC
WILMINGTON 28401 919 762-2655

DINGFELDER, JAMES RAY OBG 032
700 EASTOWNE DR., STE. 200 A AC
CHAPEL HILL 27514 919 942-4100

DIOQUINO, RENATO MERCADO IM /PUD 059
240 S. MAIN STREET AC
MARION 28752 704 652-2214

DIRKERS, JEROME D. IM 011
445 BILTMORE CTR., STE. 103 A AC
ASHEVILLE 28801 704 253-6745

DIRR, LOUISE YOUNGER 034
532 POLO ROAD A S
WINSTON-SALEM 27106

DIXON, DIRK STANCILL, SR. R 029
P. O. BOX 1532 AC
LEXINGTON 27292 919 249-1515

DIXON, JAMES WELLINGTON GS /GP 041
P. O. BOX 20085 A AC
GREENSBORO 27420 919 378-1957

DIXON, JOHN ELLIOTT FP 074
P. O. BOX 427 A AC
AYDEN 28513 919 746-3116

DIXON, ROBERT ROSS PD 018
FIRST PLAZA -- BOX 700 AC
1985 TATE BOULEVARD, S.E.
HICKORY 28601 704 322-2550

DIXON, SEWELL HINTON, JR. CDS /TS 041
1317 N. ELM ST., STE. 1 A AC
GREENSBORO 27401 919 373-8245

DIXSON, GEORGE RANDALL DR 044
90 HOSPITAL DR. AC
CLYDE 28721 704 452-2260

DOANE, JOHN HORTON, JR. IM /CD 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

DOBSON, LOLO ALLEN, JR. FP 013
219 S. MAIN ST. A * AC
PO BOX 1058
MOUNT PLEASANT 28124 704 436-6521

DODD, PATRICIA GS /GYN 011
211 DOCTOR'S BUILDING * AC
ASHEVILLE 28801 704 254-3587

DOFFERMYRE, LUTHER RANDOLPH FP 043
P. O. BOX 1011 A L
DUNN 28334 919 892-4151

DOGGETT, VALERIE GRACE 074
I-11 DOCTORS PARK APTS. A S
GREENVILLE 27834 919 752-0581

DOLAN, DANIEL LYNN IM /CD 011
9 BAIRD MOUNTAIN ROAD WEST A AC
ASHEVILLE 28804 704 658-2677

DOMBY, WILLIAM ROGER PUD /IM 011
30 CHOCTAW STREET A AC
ASHEVILLE 28801 704 255-7733

DONAHUE, MICHAEL JOSEPH D 065
1505 MEDICAL CENTER DRIVE A P AC
WILMINGTON 28401 919 763-1555

DONALD, WILLIAM BLANTON, JR. OPH 040
624 QUAKER LANE, SUITE 202-C A AC
HIGH POINT 27262 919 884-2242

DONATELLI, FRANK JOSEPH FP /EM 049
RT. #10, BOX 278 AC
STATESVILLE 28677 704 663-1300

DONAYRE, LUIS ERNESTO GS /TS 024
144 JEFFERSON STREET A AC
WHITEVILLE 28472 919 642-3136

DONGRE, SHRIKUMAR SHRIPAD AN 034
1216 BROOK ACRES TRAIL A AC
CLEMMONS 27012 919 768-5441

DONNELLY, GRANT LESTER PUD 080
240 WINDSOR DRIVE A RT
SALISBURY 28144 704 637-0905

DONOHUE, JAMES FRANCIS PUD /IM 032
UNC, 724 BURNETT-WOMACK AC
CHAPEL HILL 27514 919 966-2531

DOOLITTLE, ROBERT PRINCE ADL /IM 041
UNC-G STUDENT HEALTH CENTER AC
GREENSBORO 27412 919 379-5340

DORENBUSCH, ALFRED ADOLPH OTO 060
2734 HAMPTON AVENUE A L/RT
CHARLOTTE 28207 704 334-0498

DORFMAN, MARGARET JEANNE P 092
DOROTHEA DIX HOSP.-PSY. AC
RALEIGH 27611 919 733-9917

DORMAN, BRUCE HUGH ORS 065
2001 S. 17TH STREET A AC
WILMINGTON 28401 919 763-7344

DORNBLAZER, GEORGE HENRY P 060
2315 RANDOLPH RD. AC
CHARLOTTE 28207 704 377-4243

DORSETT, FLETCHER I. IM 034
2020 HOLLYROOD STREET A L
WINSTON-SALEM 27107 919 723-5732

DORSETT, JOHN DEWEY, JR. IM /CD 060
1851 E. THIRD STREET A * AC
CHARLOTTE 28204 704 333-4175

DORTON, PHILLIP KEVIN OBG 029
1302 LEXINGTON AVE. A AC
THOMASVILLE 27360 919 475-6139

DOSS, GEORGE WESTON P 011
HIGHLAND HOSPITAL A AC
P. O. BOX 1101
ASHEVILLE 28802 704 254-3201

DOTTERER, ELIZABETH JAMES IM /GYN 053
118 HAWKINS AVENUE A L
SANFORD 27330 919 776-5723

DOTTERER, JOHN EMANUEL GER /FP 053
118 HAWKINS AVENUE A L
SANFORD 27330 919 776-5723

DOUGH, ROBERT LYLE, JR. FP 076
125 E. TAFT AVE. A AC
ASHEBORO 27203 919 625-4350

DOUGLAS, ARTHUR EUGENE, JR. P 078
209 W. 27TH STREET AC
LUMBERTON 28358 919 738-8230

DOUGLAS, BENJAMIN OTO /HNS 050
#103 MEDICAL BUILDING A AC
ASHEVILLE HIGHWAY
SYLVA 28779 704 586-7474

DOUGLAS, EDGAR SMITH, JR. OBG 074
101 BETHESDA DRIVE A AC
GREENVILLE 27834 919 758-4181

DOUGLAS, JOHN MUNROE IM 060
1900 RANDOLPH ROAD, STE. 904 A L
CHARLOTTE 28207 704 333-0125

DOUGLAS, MICHAEL ERIN AN 095
301 BIRCH STREET A P * AC
BOONE 28607 704 264-4691

DOUGLAS, W. LADELL PD /ADL 032
2609 CARVER STREET AC
DURHAM 27704 919 471-4484

DOUGLASS, DONALD PERRY GS /TS 040
P. O. BOX 5229 A P AC
HIGH POINT 27262 919 887-3164

DOWDESWELL, ROBERT HORTON PTH 045
735 SIXTH AVE., WEST A AC
HENDERSONVILLE 28739 704 697-6781

DOWNEY, LUCY MCMASTER BIDDLE PD 034
2220 QUEENSWOOD DRIVE A R
WINSTON-SALEM 27106 919 760-2151

DOWNS, POSEY EDGAR, JR. OBG 060
1928 RANDOLPH ROAD AC
CHARLOTTE 28207 704 376-1612

DOYLE, OWEN WILLIAM DR 041
1013 PROFESSIONAL VILLAGE A P AC
GREENSBORO 27401 919 275-6481

DOYLE, RAYMOND THOMAS IM /HEM 064
322 S. FRANKLIN STREET AC
ROCKY MOUNT 27801 919 977-6746

DRAFFIN, RICHARD MARION PTH 032
3643 N. ROXBORO STREET A AC
DURHAM 27704 919 470-5251

DRAKE, ALMOND JERKINS, III IM 000
4963 CAMINO DAVID A R
BONITA, CA 92002 619 233-2934

DRAKE, DAVID EWING FP 026
P. O. BOX 3654 AC
FAYETTEVILLE 28305 919 485-3078

DRAKE, SAMUEL THOMAS GE /IM 036
603 COX ROAD * AC
GASTONIA 28054 704 867-3585

DRAKE, WILTON RODWELL, JR. FP 091
VANCE MEDICAL ARTS CENTER A AC
HENDERSON 27536 919 492-3152

DREILING, DALE T. FP 041
522 N. ELAM AVENUE AC
GREENSBORO 27403 919 852-3800

DRESSER, LEE POTTER 034
1631-C NORTHWEST BLVD. A S
WINSTON-SALEM 27104 919 722-3712

DREW, JOHN EDWIN FP 033
P. O. BOX 337 A P AC
MACCLESFIELD 27852 919 827-5231

DREXLER, KAREN GLAZE P/CHP 032
110 GLADE DR. A S
TULLAHOMA, TN 37388

DRIVER, ALBERT GARDNER, JR. PUD /IM 074
ECU, DEPT. OF MEDICINE A AC
GREENVILLE 27834 919 757-4653

DROEGEMUELLER, WILLIAM OBG 032
908 WOODBINE DR. A AC
CHAPEL HILL 27514 919 966-5281

DROSSMAN, DOUGLAS ARNOLD GE /PYM 032
UNC, 324 CLINICAL SCIENCE BLDG AC
CHAPEL HILL 27514 919 966-2511

DRUCKER, JOAN LIVERSIDGE ID 032
1707 WARD STREET AC
DURHAM 27707 919 684-2660

DRUMMOND, JACK NEWTON FP 096
GRANTHAM MEDICAL CLINIC AC
RT. 1, BOX 100-C
GOLDSBORO 27530 919 689-2222

DUBOSE, JOHN MCNEELY TS /GS 054
P. O. BOX 1316 A AC
KINSTON 28501 919 522-1626

DUBOW, DAVID ALAN 034
305 S. HAWTHORNE ROAD, APT. 6 A * S
WINSTON-SALEM 27103 919 722-9210

DUCK, WALTER OTIS FP 057
DRAWER 729 A P AC
MARS HILL 28754 704 689-2581

DUCKETT, CHARLES HOWARD FP 074
ECU SCHOOL OF MEDICINE A * AC
GREENVILLE 27834 919 757-4614

DUDLEY, ALLISON JOHNSON PD 060
2317 RANDOLPH ROAD AC
CHARLOTTE 28207 704 376-5572

DUDLEY, CHARLES COUNCIL, JR. PTH /FP 086
320 IVY CIRCLE A AC
ELKIN 28621 919 835-3722

DUDLEY, JOSEPH BOYLES PTH 034
3333 SILAS CREEK PARKWAY A AC
WINSTON-SALEM 27103 919 773-3840

DUFFY, CHARLES FP 025
607 POLLOCK STREET A L
NEW BERN 28560 919 637-2077

DUKES, ROBERT RAYMOND 074
203-B LINDBETH DR. A S
GREENVILLE 27834 919 756-9928

DULIN, THOMAS LEROY FP 060
P. O. BOX 220892 A AC
CHARLOTTE 28222 704 366-5002

DUMMIT, ELDON STEVEN, JR. PTH 053
P. O. BOX 1378 A AC
SANFORD 27330 919 774-4100

DUNAWAY, HOWARD YATES, III ORS 060
1012 S. KINGS DR., STE. 101 A AC
CHARLOTTE 28283 704 372-0743

DUNCAN, MARGARETA JOHNSON FP 043
306 W. EDGERTON STREET A AC
DUNN 28334 919 892-2567

DUNCAN, STACY ALLEN, JR. FP 043
306 W. EDGERTON STREET A AC
DUNN 28334 919 892-2151

DUNCAN, THANE EDWARD 034
821 S. HAWTHORNE ROAD A S
WINSTON-SALEM 27103 919 748-4407

DUNKELBERG, RAY HAMILTON IM /NEP 088
NEWLAND MEDICAL BLDG. A AC
BREVARD 28712 704 884-9030

DUNLAP, BENJAMIN EMERSON FP 049
925-C THOMAS STREET * AC
STATESVILLE 28677 704 872-7636

DUNLAP, JACK ERWYN ORS 078
4320 FAYETTEVILLE ROAD AC
LUMBERTON 28358 919 739-0634

DUNLAP, WILLIAM MARSHALL ON /IM 092
3521 HAWORTH DR. A AC
RALEIGH 27609 919 782-1806

DUNN, ERNEST CLINTON, JR. GP 025
ROUTE #1, #41, TOPSAIL DRIVE A AC
ORIENTAL 28571 919 249-1061

DUNN, JACK NEWTON U 045
512 SIXTH AVENUE, WEST A AC
HENDERSONVILLE 28739 704 692-6262

DUNN, LAWRENCE ANTHONY P 032
1702 VISTA APT. B A R
DURHAM 27701 919 688-2651

DUNN, RICHARD BERRY GYN 041
P. O. BOX 190 A L
CLIMAX 27233 919 674-9745

DUNPHY, DONAL LEO PD 032
UNC, DEPT. OF PEDIATRICS A AC
CHAPEL HILL 27514 919 966-2504

DUPUY, DAVID NORRIS ORS 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 365-2111

DUPUY, SAMUEL STUART U 060
301 HAWTHORNE LANE A AC
CHARLOTTE 28204 704 374-0236

DURCH, STEPHEN MICHAEL FP 044
1600 N. MAIN ST. A AC
WAYNESVILLE 28786 704 456-3511

DURFEE, MICHAEL FULK ADL /PD 092
WAKE TEEN MEDICAL SERVICES A AC
619 OBERLIN RD.
RALEIGH 27605 919 828-0035

DURHAM, CECIL TRACY, JR. N 011
7 MCDOWELL STREET A AC
ASHEVILLE 28801 704 255-7776

DUROCHER, KEVIN HOWARD P 065
2311 CANTERWOOD DR. A AC
WILMINGTON 28401 919 762-9606

DURR, WALTER JACOB GS 050
P. O. BOX 455 A L
SYLVA 28779 704 586-6060

DUSZLAK, EDWARD J., JR. DR 001
819 WARWICK COURT AC
BURLINGTON 27215 919 228-1371

DUTROW, KRISTIN LEAH 032
204-A HOWELL ST. A S
CHAPEL HILL 27514 919 489-1824

DUTTON, JONATHAN JOSEPH OPH /ON 032
BOX 3802, DUKE EYE CENTER A AC
DURHAM 27710 919 684-3142

DUVALL, PAUL BRANDON FP 088
NEWLAND MED.BLDG.,
GALLIMORE RD A AC
BREVARD 28712 704 884-9030

DYE, DAVID GODDARD ORS 041
530 N. ELAM AVE. A P AC
GREENSBORO 27403 919 292-8824

DYER, DAVID PATTERSON PD /A 044
2436 ASHEVILLE ROAD * AC
WAYNESVILLE 28786 704 456-9041

DYER, ROBERT KENT U 084
1007 N. SIXTH STREET A AC
ALBEMARLE 28001 704 982-9156

DYER, ROBERT KENT, JR. 034
2008 SWAIM RD. #H A S
WINSTON-SALEM 27107 919 723-2734

DYKE, CORNELIUS MCKOWN 032
BOX 2722, DUMC A * S
DURHAM 27710 919 493-7104

DYKERS, JOHN REGINALD, JR. FP 019
P. O. BOX 565 AC
422 N. IVY AVENUE
SILER CITY 27344 919 663-2931

DYKES, JAMES RUSSELL FP 007
OCRACOKE HEALTH CTR. AC
PO BOX 543
OCRACOKE 27960 919 928-1511

EADIE, EDWARD B., JR. U 070
1134 N. ROAD STREET A P AC
ELIZABETH CITY 27909 919 338-4141

EAGLE, ELIZABETH ANNE DR 041
1309-11 N. ELM ST. A AC
GREENSBORO 27401 919 379-0941

EAGLES, ARCHIE YELVERTON IM 008
MEDICAL ARTS CENTER A P L
AHOSKIE 27910 919 332-4155

EAKINS, JOEY WILLIAM ID 065
ROUTE #3, BOX 303-K A AC
WILMINGTON 28403 919 763-3651

EARL, JOHN KEITH FP 018
210 13TH AVE. PLACE, N.W. A AC
HICKORY 28601 704 328-2941

EARLY, IRA GORDON IM /CD 034
2240 CLOVERDALE AVE. STE. 192 A AC
WINSTON-SALEM 27103 919 722-6010

EARNEST, ROBERT RHEA PD /ADL 044
107 WOODLAND DRIVE * AC
WAYNESVILLE 28786 704 452-2211

EARNHARDT, JAMES FREDERICK PD 034
3318 HEALY DRIVE A AC
WINSTON-SALEM 27103 919 765-8490

EARNHARDT, RICHARD CRAIG 032
2836 CHAPEL HILL RD. APT. 30-B A S
DURHAM 27707 919 493-7968

EARP, HENRY SHELTON, III END /IM 032
UNC, DEPT. OF MEDICINE AC
CHAPEL HILL 27514 919 966-3338

EASLEY, ELEANOR BEAMER GYN /OBS 032
141 CAROL WOODS A P L/RT
CHAPEL HILL 27514 919 968-8229

EASLEY, RONALD BYRON IM /END 032
6005 RUSSEL RD. AC
DURHAM 27712 919 477-3008

EASOM, HERMAN FRANKLIN PUD /R 098
P. O. BOX 1521 A L
WILSON 27893 919 243-4752

EASON, ERNEST BERNARD IM 001
327 N. GRAHAM-HOPEDALE RD. A AC
BURLINGTON 27215 919 226-1658

EASON, GEORGE WILLIAM DR 098
111 RIPLEY ROAD A AC
WILSON 27893 919 399-8112

EASON, PAUL RICHARD 032
1201-A HOLLOWAY LANE A S
CHAPEL HILL 27514 919 933-5006

EASTERLING, WILLIAM E., JR. GYN /END 032
UNC SCHOOL OF MEDICINE A * AC
CHAPEL HILL 27514 919 966-5214

EASTON, EDWARD JAMES, JR. NM /DR 060
2332 SEDLY ROAD A AC
CHARLOTTE 28211 704 373-2430

EASTWOOD, FREDERICK THOMAS PD 092
P. O. BOX 30203 A L/RT
RALEIGH 27622 919 787-1961

EATON, ALEXANDER MELLON 032
BOX 2723, DUMC A S
DURHAM 27710 919 684-5939

EATON, HUBERT ARTHUR, JR. IM 065
P. O. BOX 982 AC
WILMINGTON 28401 919 763-5453

EATON, JEFFREY GRAY 034
103 CAROLINA CIRCLE A S
WINSTON-SALEM 27104 919 721-9163

EATON, ROBERT FARRELL ORS 045
1027 FLEMING STREET A AC
HENDERSONVILLE 28739 704 692-5781

EBELING, JAMES GERARD IM 032
3742 SWARTHMORE RD. A R
DURHAM 27707 919 471-2044

EBKEN, RICHARD KEPPLER GS /TS 053
P. O. BOX 1169 A * AC
SANFORD 27330 919 775-7146

ECKBERT, WILLIAM FOX FP 036
P. O. BOX 309 A L
CRAMERTON 28032 704 824-1321

ECKLEY, GEORGE MORGAN, JR. IM 049
110-P STOCKTON STREET A AC
STATESVILLE 28677 704 873-4334

EDDINGER, CHARLES FREDERICK FP 080
P. O. BOX 45 AC
SPENCER 28159 704 636-1720

EDDINS, GEORGE EDGAR, JR. IM /CD 084
214 E. NORTH STREET A AC
ALBEMARLE 28001 704 982-1136

EDELBERG, JAY MARSHALL 032
BOX 2730, DUMC A S
DURHAM 27710 919 286-7394

EDKINS, PATRICIA TEAGUE TR 032
RT. #4, BOX 357 A AC
CHAPEL HILL 27514 919 966-1101

EDMONDS, JOHN HENRY, JR. CD /IM 034
BOWMAN GRAY SCH. OF MED. A * AC
WINSTON-SALEM 27103 919 748-4208

EDMONDSON, FRANK, JR. FP 076
P. O. BOX 2628 A L/RT
ASHEBORO 27203 919 625-3230

EDMUNDSON, ANN WEISLER IM 032
3442 FIELDCREST DR. A R
MONTGOMERY, AL 36111 205 281-0742

EDWARDS, CHARLES DANIEL GS 096
202 CARSWELL LANE AC
GOLDSBORO 27530 919 778-1205

EDWARDS, CHARLES HILLMAN, II CDS /TS 060
301 HAWTHORNE LANE A AC
CHARLOTTE 28204 704 375-8413

EDWARDS, ELMO STEPHEN PD 092
2800 BLUE RIDGE BLVD.,STE. 501 A P * AC
RALEIGH 27607 919 781-7490

EDWARDS, GEORGE SADLER, JR. HS /ORS 092
3410 EXECUTIVE DR. A AC
RALEIGH 27609 919 872-5296

EDWARDS, GEORGE SADLER, SR. ORS 092
3410 EXECUTIVE DRIVE A AC
RALEIGH 27609 919 872-5296

EDWARDS, JAMES RONALD PTH 092
ROUTE #7, BOX 210-E A AC
RALEIGH 27614 919 755-8260

EDWARDS, JOEL LYNN FP 034
P. O. BOX 666 AC
MOCKSVILLE 27028 704 634-6128

EDWARDS, JOHN REYNOLDS ORS 079
P. O. BOX 1088 A AC
EDEN 27288 919 627-5216

EDWARDS, TIMOTHY FREEMAN OBG 067
411-A WESTERN BLVD. A P AC
JACKSONVILLE 28540 919 346-2229

EDWARDS, WILSON BARTON, JR. 074
111 N. MEADE STREET A S
GREENVILLE 27834 919 758-1547

EGERTON, COURTNEY DAVID GYN 092
P. O. BOX 18568 A P AC
RALEIGH 27619 919 782-1273

EGLINTON, DANIEL THOMAS ORS 011
53 S. FRENCH BROAD A AC
ASHEVILLE 28801 704 274-2236

EHINGER, ROBERT FREDERICK PH /PD 074
498 ELEANOR STREET AC
GREENVILLE 27834 919 752-4141

EHLE, ALBERT LAWRENCE N 032
UNC, 751 BURNETT-WOMACK A AC
CHAPEL HILL 27514 919 966-3707

EHRLICHMAN, GLORIA SOTOMAYOR PD 082
603 BEAMAN STREET AC
CLINTON 28328 919 592-7712

EICHENBRENNER, TIMOTHY JOHN PD 060
225 HAWTHORNE LN., STE. 202 AC
CHARLOTTE 28204 704 332-8111

EIFRIG, DAVID ERIC OPH 032
UNC, DEPT. OF OPHTHALMOLOGY A * AC
CHAPEL HILL 27514 919 966-5296

EISENACH, JAMES CONRAD 034
2323 FAIRWAY DR. A R
WINSTON-SALEM 27103 919 761-0871

EISENBERG, CARL JESSE R 060
9554 HUNTING COURT A AC
MATTHEWS 28105 704 379-5860

EL-BAYADI, NAGUI R. GS 050
SKYLAND MED. BLDG. A AC
SKYLAND DR.
SYLVA 28779 704 586-2156

EL-DROUBI, HAZEM U 077
1219 ROCKINGHAM ROAD A P AC
ROCKINGHAM 28379 919 997-5054

ELBER, ERWIN RICHARD OTO 090
1501 E. FRANKLIN STREET A P * AC
MONROE 28110 704 289-9415

ELESHA, WILLIAM GS 034
1900 S. HAWTHORNE RD., #214 A P AC
WINSTON-SALEM 27103 919 765-1610

ELIZONDO, MERCEDITAS O. GP /PTH 081
20 N. MAIN STREET A AC
CLIFFSIDE 28024 704 657-9742

ELKINS, WILSON OLIVER FP 041
P. O. BOX 580 AC
PLEASANT GARDEN 27313 919 674-6191

ELKORDY, MAHA ABDUL-HAFEZ 032
12E SHARON HEIGHTS A S
CHAPEL HILL 27514 919 942-7699

ELLEDGE, EMMETT SCOTT 034
240 CORONA AVE. A R
SAN ANTONIO, TX 78209

ELLENBOGEN, CHARLES IM /ID 026
1601-B OWEN DRIVE A AC
FAYETTEVILLE 28304 919 323-1152

ELLINGTON, AMZI JEFFERSON, JR. OBG 001
291 N. GRAHAM-HOPEDALE RD. AC
BURLINGTON 27215 919 226-2423

ELLINGTON, KENNETH RAYNOR 032
229-B JACKSON CIRCLE A S
CHAPEL HILL 27514 919 933-6715

ELLINGTON, ROBERT NORWOOD OBG 001
291 N. GRAHAM-HOPEDALE ROAD AC
BURLINGTON 27215 919 226-2423

ELLIOTT, CHARLES MARTIN CD /IM 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1503

ELLIOTT, HARDIE BISHOP EM 063
47 VILLAGE GREEN A AC
SOUTHERN PINES 28387 919 692-7451

ELLIOTT, JAMES FRANCIS, SR. P 039
ROUTE #2, BOX 405 A AC
CREEDMOOR 27522 919 528-2433

ELLIOTT, JOS. ALEXANDER, JR. D 060
1900 RANDOLPH RD. SUITE 714 A * AC
CHARLOTTE 28207 704 375-0043

ELLIS, CLARENCE ONEIL IM 060
1100 BLYTHE BLVD. A * AC
CHARLOTTE 28203 704 372-9884

ELLIS, GEORGE GREENE FP 059
P. O. BOX 789 AC
OLD FORT 28762 704 668-7694

ELLIS, GEORGE JOSEPH, JR. OBG 034
6034 RITTENHOUSE RD. A AC
WINSTON-SALEM 27104 919 765-6172

ELLIS, JOHN NELSON ORS 063
PINEHURST SURGICAL CLINIC A AC
PINEHURST 28374 919 295-6831

ELLISON, CARROL WENDELL OBG 012
500 E. PARKER ROAD A P AC
MORGANTON 28655 704 433-5700

ELLISON, GERALD LYNN DR 026
495 RAYCONDA P AC
FAYETTEVILLE 28304 919 483-7400

ELLISON, PAUL STRIBLING, JR. 023
408-B LEWIS ST. A S
GREENVILLE 27834 919 482-6217

ELLISON, THOMAS SCOTT 023
2401 FAIRWAY DR. A S
WINSTON-SALEM 27103 919 722-1807

ELLISTON, E. BRUCE 011
172 ASHELAND AVENUE A * AC
ASHEVILLE 28801

ELLISTON, WINSTON LEON AI /PD 011
210 ASHELAND AVE. A AC
ASHEVILLE 28801 704 253-3382

ELMORE, MILES IM /NEP 011
10 MCDOWELL STREET A AC
ASHEVILLE 28801 704 258-8545

ELMORE, WILLIAM GLENN DR 042
P. O. BOX 249 AC
ROANOKE RAPIDS 27870 919 535-2121

EMERY, DARYL CHARLES IM /CD 092
1212 CEDARHURST DR. AC
RALEIGH 27609

ENGELKE, STEPHEN CARL PD /NPM 074
220 PINEVIEW DRIVE AC
GREENVILLE 27834 919 757-4665

ENGELSTAD, ANNE CARINE A. 034
108 OLD OAK CIRCLE #B2 A S
WINSTON-SALEM 27106 919 767-8331

ENGSTROM, GEORGE ALFRED PD 013
40 ARDSLEY AVENUE, N.E. AC
CONCORD 28025 704 786-1145

ENNIS, GEORGE ELLIOTT IM /HEM 018
912 SECOND STREET, N. E. A P AC
HICKORY 28601 704 328-2381

ENOJADO, SILVERIO CASTRO,JR. FP 009
P. O. BOX 308 A AC
CLARKTON 28433 919 647-4311

ENRIGHT, KATHERINE ANNE 032
153 LAKE ELLEN DR. A R
CHAPEL HILL 27514 919 967-5955

ENSOR, ROBERT DALE U 060
1333 ROMANY ROAD A AC
CHARLOTTE 28204 704 372-5180

EPES, CHARLES RICHARD OPH 041
3312 BATTLEGROUND AVE. A AC
GREENSBORO 27410 919 282-5000

EPNER, RONALD ALAN ORS /HS 092
114 BRADY COURT A P AC
CARY 27511 919 467-4992

EPPLE, KENNETH HALL P 041
2311 LAFAYETTE AVE. A RT
GREENSBORO 27408 919 288-6215

EPSTEIN, SUSAN ELISE 034
1815 BRANTLEY ST. A S
WINSTON-SALEM 27104

ERB, NORRIS SCRIBNER U 080
8 OAK ROAD AC
SALISBURY 28144 704 633-2449

ERCKMAN, PAUL NEFF PD 090
1307-B E. FRANKLIN STREET A AC
MONROE 28110 704 283-1515

ERDIN, ROBERT ALEXANDER, JR. CD /IM 040
624 QUAKER LN., STE. 103-C A P AC
HIGH POINT 27262 919 885-6168

ERICKSON, REED ALAN FP 078
1212 S. WALNUT ST. A AC
FAIRMONT 28340 919 628-6711

ERLANDSON, STEPHEN ERIC FP 086
815 N. BRIDGE ST. AC
ELKIN 28621 919 835-4819

ERNEST, JOSEPH MACDONALD, III OBG 034
BOWMAN GRAY, DEPT. OF OBG AC
WINSTON-SALEM 27103 919 748-4291

ERNST, HENRY EDWIN IM 013
167 INGLESIDE DRIVE, S.E. AC
CONCORD 28025 704 782-0960

ERRICO, JAMES MELTON OPH 040
100 WESTWOOD AVENUE A AC
HIGH POINT 27262 919 889-2323

ERTISCHEK, STEPHEN DAVID IM 039
1032 COLLEGE STREET A AC
OXFORD 27565 919 693-6541

ERTUGRUL, GULTEKIN GS /TS 004
508 MORVEN ROAD A AC
WADESBORO 28170 704 694-2136

ESHELMAN, THOMAS CARL R 092
8512 BOURNEMOUTH DR. A AC
RALEIGH 27609 919 755-3023

ESPEY, DAN, JR. FP 018
24 SECOND AVENUE, N. E. A AC
HICKORY 28601 704 327-4453

ESPORAS, DEMOSTHENES CAGBALINO U 053
P. O. BOX 1169 A AC
SANFORD 27330 919 775-7146

ESTES, EDWARD HARVEY, JR. IM /CD 032
407 CRUTCHFIELD ST. A P * AC
DURHAM 27704 919 471-2571

ESTOYE, CESAR ROMERO GS /GP 073
601 RIDGE ROAD A P AC
ROXBORO 27573 919 599-0202

ESTOYE, TERESITA FERRER OBG /NPM 073
601 RIDGE ROAD A P AC
ROXBORO 27573 919 599-0202

ESTWANIK, JOSEPH JOHN ORS 060
1925 CLEMATIS DRIVE P AC
CHARLOTTE 28211 704 366-5135

ETHERINGTON, JOHN L. OPH /OTO 096
2709 MEDICAL OFFICE PLACE A L
GOLDSBORO 27530 919 735-3701

EUBANKS, WILLIAM MALCOLM, JR. OBG 060
1712 E. FOURTH STREET A AC
CHARLOTTE 28204 704 375-9074

EURE, CHARLES ALLAN IM 092
3521 HAWORTH DR. P * AC
RALEIGH 27609 919 782-1806

EVANGELIST, FELIX ANTHONY CDS /TS 060
1900 RANDOLPH RD. STE. 408 A P AC
CHARLOTTE 28207 704 333-7731

EVANS, AMOS RAY P 074
1705 W. SIXTH STREET, BLDG. H A AC
GREENVILLE 27834 919 758-4810

EVANS, BRYAN DEAN 034
601 MILLER STREET A S
WINSTON-SALEM 27103 919 723-9141

EVANS, DAVID ARNOLD OBG 090
1408 E. FRANKLIN ST. A AC
MONROE 28110 704 289-2553

EVANS, DWIGHT LANDIS P 032
UNC, DEPT. OF PSYCHIATRY A AC
CHAPEL HILL 27514 919 966-4447

EVANS, JOSEPHINE ADAMSON 032
1010 DEMERIUS ST. A S
DURHAM 27701 919 688-5730

EVANS, OTIS DRUELL, JR. OBG 023
110 W. GROVER STREET A AC
SHELBY 28150 704 487-5258

EVANS, SARA FRANCES THORNBURG 032
ROUTE #7, BOX 9-B A S
CHAPEL HILL 27514 919 933-6760

EVANS, WALLACE NICKLES, II FP 092
121 EDINBURGH SOUTH, STE. 100 A AC
CARY 27511 919 467-3281

EVERETT, ROY NATHAN PUD 054
109 AIRPORT ROAD A AC
KINSTON 28501 919 522-4094

EVERHART, CARLTON DHU FP 086
1153 W. LEBANON STREET AC
MOUNT AIRY 27030 919 786-5108

EVERHART, GEORGE RAYMOND, III FP 080
201 WOODSON STREET A AC
SALISBURY 28144 704 637-3373

EWERS, EDWIN PATTERSON FP 031
P. O. BOX 487 A L/RT
WARSAW 28398 919 293-4432

EWING, JOHN ALEXANDER P 026
2557 RAVENHILL DR.BLDG.1,STE.A A AC
FAYETTEVILLE 28303 919 484-5151

EYERMAN, MELVIN FREDERIC PH 034
1244 ARBOR ROAD, 444 A L/RT
WINSTON-SALEM 27104 919 723-7420

FABIAN, DENIS PS /GS 026
503 OWEN DR. A AC
PO BOX 64517
FAYETTEVILLE 28306 919 483-8121

FABIAN, MICHAEL ANTHONY 032
16 WINCHESTER CT. A S
DURHAM 27707 919 489-4191

FADIAL, JOHN MURRAY EM 060
1919 QUEENS ROAD, WEST A AC
CHARLOTTE 28207 704 371-4160

FAGAN, JAMES ARTHUR DR /NM 060
310 GLEN OAKS ROAD A AC
CHARLOTTE 28226 704 371-4056

FAGG, JOHN ANDERSON PS 034
2901 MAPLEWOOD AVENUE A P * AC
WINSTON-SALEM 27103 919 765-8620

FAGUNDUS, DUNCAN MCLEOD 074
410-B STUDENT ST. A S
GREENVILLE 27834 919 752-3014

FAHL, JAMES COX GS 018
24 SECOND AVENUE, N. E. A AC
HICKORY 28601 704 328-2231

FAIL, PHILIP JACKSON GP 014
913 HARPER AVENUE, S.W. AC
LENOIR 28645 704 758-2353

FAIRCHILD, KAREN DIANE 032
2920 CHAPEL HILL RD., APT. 16B A S
DURHAM 27707 919 493-5904

FAJARDO, AGAPITO LACSON GP 082
102 WARSAW ROAD A AC
CLINTON 28328 919 592-1462

FAJGENBAUM, DAVID MONIEK ORS 092
3410 EXECUTIVE DRIVE A AC
RALEIGH 27619 919 872-5296

FALES, ROBERT MARTIN GS 065
407 W. RENOVAH CIRCLE A L/RT
WILMINGTON 28403 919 762-1285

FALLETTA, JOHN MATTHEW PHO /HEM 032
BOX 2916, DUMC AC
DURHAM 27710 919 684-3401

FALLS, DARRYL LEE OBG 016
#9 MEDICAL PARK AC
MOREHEAD CITY 28557 919 726-0107

FALVO, SAMUEL CATANZARO CRS /GS 045
511 SIXTH AVENUE, WEST A AC
HENDERSONVILLE 28739 704 693-9566

FAN, JACK J. FP 051
P. O. BOX 807 A AC
CLAYTON 27520 919 553-5711

FANG, JAMES CHEN-TSON 032
BOX 2843, DUMC A S
DURHAM 27710 919 493-7104

FARABOW, WILLIAM SIDNEY OBG 040
400 N. ELM ST. A P AC
HIGH POINT 27260 919 889-4353

FARIS, JOHN CHARLES DR /NM 034
2803 LYNDHURST AVE. A P * AC
WINSTON-SALEM 27103 919 768-1021

FARLEY, DYER JACKSON, JR. GS 055
P. O. BOX 757 AC
LINCOLNTON 28092 704 735-0481

FARLEY, ROBERT HUGH GS 041
311 W. WENDOVER AVE. A AC
GREENSBORO 27408 919 275-8415

FARLEY, WILLIAM WINFREE PD 092
3814 BROWNING PLACE AC
RALEIGH 27609 919 782-8326

FARMER, CHARLES DUDLEY NEP /IM 060
928 BAXTER ST. A AC
CHARLOTTE 28207 704 374-1321

FARMER, JOSEPH C., JR. OTO /HNS 032
DUKE, DEPT. OF SURGERY A AC
DURHAM 27710 919 684-6357

FARMER, THOMAS WOHLSEN N/IM 032
UNC SCHOOL OF MEDICINE A * L
751 BURNETT-WOMACK BLDG 229-H
CHAPEL HILL 27514 919 966-2526

FARMER, WOODARD EASON IM 011
5 ANGLE STREET A L
BILTMORE 28803 704 274-2290

FARNHAM, ROBERT, III PTH 060
3223 LONG VALLEY ROAD A AC
MATTHEWS 28105 704 371-4814

FARRELL, FRANK WILSON, JR. DR 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 773-3878

FARRINGTON, CECIL MURRAY, JR. FP 080
322 MOCKSVILLE AVENUE AC
SALISBURY 28144 704 637-1123

FARRINGTON, JOHN KIRBY OBG 040
307 N. LINDSAY ST. A AC
HIGH POINT 27262 919 885-0149

FAULK, WOODRUFF WORD, JR. FP 086
180-B PARKWOOD DRIVE AC
ELKIN 28621 919 835-5049

FAULL, CLIFFORD EDWARD ORS 050
EASTGATE A AC
SYLVA 28779 704 586-5531

FAUSCH, MARK DAVID IM 096
1201-C WAYNE MEMORIAL DR. AC
GOLDSBORO 27530 919 734-7530

FAX, JOHN NICHOLAS, JR. ORS 078
204 W. 28TH STREET A P AC
LUMBERTON 28358 919 739-4313

FAYEZ, JAMIL ABDEL-LATIF OBG /END 034
BOWMAN GRAY SCH. OF MEDICINE AC
WINSTON-SALEM 27103 919 748-2368

FEARRINGTON, ERIC CD /IM 074
2 MEDICAL PAVILION AC
GREENVILLE 27834 919 752-3185

FEDDER, MARC IM /ID 029
208-D W. CENTER STREET A P AC
P. O. BOX 557
LEXINGTON 27292 704 249-4296

FEDOR, JOHN MICHAEL CD /IM 060
2227 RADCLIFFE AVE. A P AC
CHARLOTTE 28207 704 373-1500

FEE, BRUCE EDGAR R 060
1350 S. KINGS DRIVE P AC
CHARLOTTE 28207 704 372-8750

FEEZOR, CHARLES NOEL FP 080
6 PINETREE ROAD A L
SALISBURY 28144 704 633-1787

FEEZOR, CHARLES NOEL, JR. U 060
3535 RANDOLPH ROAD, STE. 101 AC
CHARLOTTE 28211 704 366-4631

FEIN, DOUGLAS A. 034
501 IRVING ST. A S
WINSTON-SALEM 27103 919 724-4478

FELD, LAWRENCE FRANK FP 043
708 TILGHMAN DR. * AC
DUNN 28334 919 892-0424

FELDMAN, WALTER SIDNEY P/LM 060
501 BILLINGSLEY RD. A AC
CHARLOTTE 28211 704 375-3575

FELIX, RICHARD REID P/PYM 011
A-305 DOCTOR'S BUILDING AC
ASHEVILLE 28801 704 258-3880

FELKNER, RICHARD S. OTO 060
1600 E. THIRD STREET A AC
CHARLOTTE 28204 704 372-3300

FELTON, ROBERT LEE, JR. GP 063
PO BOX 57 A L
WATERFORD, VA 22190 919 947-2333

FELTS, JOHN HARVEY NEP /IM 034
BOWMAN GRAY SCH. OF MED. AC
WINSTON-SALEM 27103 919 748-4259

FENNING, ROBERT LAWRENCE ON /ON 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 365-0760

FERDON, BENJAMIN BETHEA IM 092
3100 BLUE RIDGE BLVD.,#300 A P AC
RALEIGH 27612 919 781-7500

FERGUSON, ALFRED LEA NEP /IM 074
6 DOCTOR'S PARK A P * AC
GREENVILLE 27834 919 752-8880

FERGUSON, BERRYLIN JUNE OTO 032
2620 MCDOWELL ST. A R
DURHAM 27705 919 684-3834

FERGUSON, GEORGE BURTON OTO 032
1110 W. MAIN STREET A L
DURHAM 27701 919 682-9341

FERGUSON, WILLIAM CLAY GS /TS 034
2680 REYNOLDS DRIVE A AC
WINSTON-SALEM 27104 919 765-8020

FERNALD, GERALD WALLACE PD /ID 032
N. C. MEMORIAL HOSPITAL A AC
CHAPEL HILL 27514 919 966-2069

FERNANDEZ, CHARLES RAYMOND ID 060
1350 S. KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

FERREE, CAROLYN RUTH BLACK TR 034
300 S. HAWTHORNE RD. A P * AC
WINSTON-SALEM 27103 919 748-4981

FERREE, CHARLES ELLIOT IM 060
3535 RANDOLPH RD. A AC
CHARLOTTE 28211 704 365-0760

FERRELL, PAUL BRENT IM 023
220 BELVEDERE AVE. A AC
SHELBY 28150 919 482-1482

FERRY, SENECA TAYLOR, II EM /FP 016
P. O. BOX 8 A AC
SMYRNA 28579 919 729-7831

FETTER, BERNARD FRANK PTH 032
DUKE UNIV. MEDICAL CENTER A AC
DURHAM 27710 919 684-3685

FEUER, ABE LAWRENCE OTO 036
1006 FAIRFIELD DR. L/RT
GASTONIA 28054 704 864-2222

FEWELL, JOSEPH EURANUS, JR. PS 018
420 N. CENTER STREET A P AC
HICKORY 28601 704 322-8380

FICKLEN, CONWAY HAMILTON OBG 065
1912 MEETINGS COURT AC
WILMINGTON 28401 919 763-8471

FIELD, BOB LEWIS FP 080
1239 W. HENDERSON ST. A L
SALISBURY 28144 704 636-0732

FIELDS, KARL BERTRAND FP 041
1411 GARLAND DR. AC
GREENSBORO 27408 919 379-4133

FILLIPO, DREW CRAIG 032
311 E. PATTERSON PLACE A S
CHAPEL HILL 27514 919 967-4626

FILSTON, HOWARD CHURCH PDS /GS 032
BOX 3815, DUMC A P AC
DURHAM 27710 919 684-3478

FINA, MICHAEL FRANCIS GE /IM 034
1901 S. HAWTHORNE RD., 310 A AC
WINSTON-SALEM 27103 919 760-4340

FINCH, CHARLIE BRYAN FP 039
FINCH CLINIC A AC
OXFORD 27565 919 693-5156

FINCHER, ROBERT CHARLES, JR. P/PH 040
107 SPENCER STREET L/RT
HIGH POINT 27260 919 889-5511

FINDLAY, JEAN MARJORIE HEY PD 032
14 CLEARWATER DR. AC
DURHAM 27707 919 286-2202

FINESTONE, DOUGLAS HOWARD PYM /PYA 032
BOX 3889, DUMC A AC
DURHAM 27710 919 383-7663

FINGER, FREDERICK ELI, III NS 060
1900 RANDOLPH RD., STE. 502 A AC
CHARLOTTE 28207 704 372-8860

FINK, EMMA SLOOP FP 006
BOX 160 A P * L
CROSSNORE 28616 704 733-4367

FINK, GARY LEE IM 060
BROWN ST., P. O. BOX 610 A R
FAITH 28041 704 279-2981

FINKLEA, LEE KILPATRICK PD 034
2832 WESLEYAN LANE A AC
WINSTON-SALEM 27106 919 768-4730

FINKLEA, ORION TOWNSEND U 060
1333 ROMANY ROAD AC
CHARLOTTE 28204 704 372-5180

FINLEY, JAMES LEO PTH 074
BRODY 1F79, ECU SCH. OF MED. A AC
GREENVILLE 27834 919 757-4495

FINN, RICHARD CONNELL OBG 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

FINN, WILLIAM FRANCIS, JR. 034
91-C 2235 SUNDERLAND A R
WINSTON-SALEM 27103 919 760-2462

FIORILLI, MARIO GRAZIA ID /IM 042
220 SMITH CHURCH ROAD A AC
ROANOKE RAPIDS 27870 919 535-3001

FISCHER, GARY JAY DR 041
P. O. BOX 13005 A AC
GREENSBORO 27405 919 379-4140

FISCHER, JANET JORDAN ID /IM 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-2536

FISCHER, JOAL PD 060
1012 KINGS DR., STE. 923 AC
CHARLOTTE 28283 704 374-2701

FISCHER, MARTIN JOSEPH TS /GS 011
520 BILTMORE AVENUE A AC
ASHEVILLE 28801 704 252-7357

FISCHER, NEWTON D. MFS /OTO 032
UNC SCHOOL OF MEDICINE A AC
CHAPEL HILL 27514 919 966-3341

FISH, HARRY GUSTAV, JR. GS 064
100 NASH MEDICAL ARTS MALL A AC
ROCKY MOUNT 27801 919 443-9084

FISH, KIMBERLEE EASTMAN 034
1407-D SENECA ST. A S
WINSTON-SALEM 27103 919 723-1005

FISHER, CARL ELLIS PD 036
902-C COX ROAD A AC
GASTONIA 28054 704 867-5356

FISHER, EARL ELLIOTT, JR. PD 098
1700 S. TARBORO STREET A AC
WILSON 27893 919 291-4370

FISHER, EDWARD CARL OBG 060
1023 EDGEHILL ROAD A AC
CHARLOTTE 28207 704 373-1541

FISHER, ERNEST WOODROW FP 056
102 GEORGIA ROAD A L/RT
FRANKLIN 28734 704 524-5752

FISHER, JOHN APFEL PD 096
104 CASHWELL DR. AC
GOLDSBORO 27530

FISHER, MARSHALL LOUIS P 060
140 E. 83RD ST., APT. 11-C L
NEW YORK, NY 10028 212 535-8747

FISHER, OTIS NORWOOD R 041
P. O. BOX 13005 A AC
GREENSBORO 27405 919 379-4360

FISHER, SAMUEL RANKIN HNS /OTO 032
BOX 3805, DUMC A AC
DURHAM 27710 919 684-4201

FISHER, WILLIAM SLOAN, III OTO 034
175 CHARLOIS BLVD. STE. 101 A AC
WINSTON-SALEM 27103 919 768-3361

FISSCHER, ROLF HENDRIK P/N 065
2023 S. 17TH ST. AC
WILMINGTON 28401 919 343-0151

FITCH, DUANE DOUGLAS GE /IM 098
1704 S. TARBORO ST. A AC
WILSON 27893 919 291-7001

FITCH, ROBERT DOUGLAS ORS /PDS 032
BOX 2911, DUMC A AC
DURHAM 27710 919 684-3104

FITZ, THOMAS EDMUNDS IM /CD 018
11 13TH AVENUE, N.E. A * AC
HICKORY 28601 704 322-1066

FITZGERALD, DWIGHT MELVIN GS /TS 018
ROUTE #2, BOX 196 AC
CONOVER 28613 704 322-8485

FITZGERALD, JOHN HILL GP /PD 055
626 CLARK DRIVE A L
LINCOLNTON 28092 704 735-8257

FITZGERALD, ROBERT GREESON GP 073
P. O. BOX 856 A AC
ROXBORO 27573 919 599-1131

FITZPATRICK, HUGH, III EM 040
117 S. MAIN ST. AC
ASHEBORO 27203 919 454-1166

FITZPATRICK, JOHN FRANCIS PTH /IM 076
RANDOLPH PATHOLOGY A RT
P. O. BOX 1948
ASHEBORO 27203 919 629-3282

FLANAGAN, BRIAN FRANCIS 032
311 S. LASALLE ST. APT. 2-E A S
DURHAM 27705 919 383-7627

FLANNERY, JOHN EDWARD IM 077
53 MAIN STREET A AC
HAMLET 28345 919 582-0004

FLEISHMAN, HENRY ARNOLD GS /CD 079
515 THOMPSON ST., STE. B A AC
EDEN 27288 919 623-9118

FLEISHMAN, LAWRENCE MARK IM 060
7110 LAWYER'S ROAD A AC
CHARLOTTE 28211 704 568-6500

FLEISHMAN, MALCOLM IM /CD 026
P. O. BOX 35126 A P * AC
FAYETTEVILLE 28303 919 484-0144

FLEISHMAN, STEPHEN BAER P/CHP 026
1285 OLIVER STREET A P AC
FAYETTEVILLE 28304 919 484-4171

FLEMING, CHRISTOPHER PAUL OPH 078
202 W. 28TH ST. A * AC
LUMBERTON 28358 919 739-0606

FLEMING, DUARD FRANCIS, JR. N 074
425 STANTONSBURG ROAD A AC
GREENVILLE 27834 919 752-4848

FLEMING, LAURENCE EDWIN ABS 060
1116 PROVIDENCE ROAD A L
CHARLOTTE 28207 704 332-6896

FLEMING, PAUL ARTHUR GYN /PYM 092
3613 HAWORTH DR. A AC
RALEIGH 27609 919 781-5550

FLEMING, ROBERT HENRY PD 092
2800 BLUE RIDGE BLVD.,STE 501 AC
RALEIGH 27607 919 781-7490

FLEMING, WILLIAM LEROY GPM /IM 032
UNC, DEPT. OF FAMILY MED. A L/RT
CHAPEL HILL 27514 919 966-5745

FLETCHER, JOHN DAVID PH /PD 032
5244 INVERNESS DRIVE AC
DURHAM 27712 919 688-8018

FLETCHER, RICHARD VAN OBG 040
400 N. ELM ST. P AC
HIGH POINT 27260 919 882-8163

FLETCHER, ROBERT GEORGE OM /FP 034
401 N. MAIN STREET A AC
WINSTON-SALEM 27102 919 777-2024

FLETCHER, ROBERT HILLMAN IM /PH 032
UNC, DEPT. OF MEDICINE AC
CHAPEL HILL 27514 919 966-1274

FLETCHER, SUZANNE WRIGHT IM /PH 032
UNC, DEPT. OF MEDICINE AC
CHAPEL HILL 27514 919 966-2276

FLEURY, ROBERT ANDRE P 063
140 SOUTHWEST BROAD ST. A AC
SOUTHERN PINES 28387 919 692-6471

FLICK, CONRAD L. 032
BOX 2734, DUMC A S
DURHAM 27710

FLICKINGER, EDWARD GARNER GS 074
305 GRANVILLE DRIVE A AC
GREENVILLE 27834 919 757-4629

FLOOD, ROY DEVONNE FP 008
BOX #7, SPRING BRANCH ROAD A AC
MURFREESBORO 27855 919 398-3323

FLORES-TEJANO, ADELINDA AN 054
2200 SPARRE DR. A P AC
KINSTON 28501 919 522-7373

FLORES, RODOLFO FLORES FP /IM 034
P. O. BOX 96 A AC
DANBURY 27016 919 593-8281

FLOURNOY, JOHN EPPES R 054
KINSTON CLI.,NORTH,
DOCTORS DR A AC
KINSTON 28501 919 527-7077

FLOWE, BENJAMIN HUGH GS /TS 013
56 LAKE CONCORD ROAD, N.E. A P AC
CONCORD 28025 704 786-1105

FLOWE, KENNETH MICHAEL 034
1608-H NORTHWEST BLVD. A S
WINSTON-SALEM 27104 919 761-1246

FLOYD, ANDERSON GAYLE GP 024
302 N. THOMPSON STREET L/RT
WHITEVILLE 28472 919 642-2150

FLOYD, HERBERT MYNATT AN 034
3551 BUENA VISTA ROAD A AC
WINSTON-SALEM 27106 919 748-8611

FLOYD, WALTER LAWRENCE CD /IM 032
BOX 2997, DUMC AC
DURHAM 27710 919 684-2845

FLOYD, WILLIAM RUSSEL GS 013
P. O. BOX 5347 A L/RT
SPARTANBURG, SC 29301 803 583-4732

FLYTHE, WILLIAM HENRY IM 040
1131 GATEHOUSE ROAD A L
HIGH POINT 27260 919 882-8933

FOGLEMAN, ROSS LEE, JR. FP 054
KINSTON CLINIC A AC
KINSTON 28501 919 527-7194

FOIL, MARY BETH GS 074
201-A LINDBETH RD. A R
PO BOX 514
GREENVILLE 27834 919 355-6851

FOLDS, WILLIAM FRANKLIN FP 034
5043 COUNTRY CLUB ROAD AC
WINSTON-SALEM 27104 919 768-9275

FOLGER, JOHN RUSSELL, JR. FP /PH 088
207 E. MAIN ST. A AC
BREVARD 28712 704 884-9030

FOLLMER, RONALD LESTER N 060
1729 CAVENDISH COURT A AC
CHARLOTTE 28211 704 377-9323

FOLLO, PAIGE BILL PD 041
1209 MAGNOLIA STREET A AC
GREENSBORO 27401 919 273-2879

FONTRIER, TOINETTE HELEN AN 034
8220 WHITE WATER DR. AC
CLEMMONS 27012 919 766-4321

FORBES, THOMAS EARL FP 079
P. O. BOX 659 A L/RT
REIDSVILLE 27320 919 349-5324

FORD, BLANCHARD FRED, JR. FP 010
P. O. BOX 336 A L
SHALLOTTE 28459 919 754-6474

FORD, CHARLES PHILLIP, JR. OM 054
5216 EMERALD DRIVE AC
EMERALD ISLE, ROUTE #3
MOREHEAD CITY 28557 919 354-3018

FORD, MARSHA DEAN EM /IM 060
109 CEDAR LANE A AC
CHARLOTTE 28226 704 331-3181

FORD, ROBERT VIRGIL, JR. PD 034
3175 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 768-7030

FORDHAM, CHRISTOPHER C., III IM /NEP 032
UNC, 103 SOUTH BLDG. 005-A A AC
CHAPEL HILL 27514 919 962-1365

FORE, STEVEN RONALD OBG 041
200 E. NORTHWOOD ST. STE. 216 A AC
GREENSBORO 27401 919 275-5391

FORE, WILLIAM WHATELY END /IM 074
ECU SCHOOL OF MEDICINE A * AC
GREENVILLE 27834 919 757-2571

FOREMAN, FRANK LEROY D 049
706 HARTNESS ROAD AC
STATESVILLE 28677 704 873-0545

FOREMAN, ROBERT HUGH FP 041
4104 REDWINE DRIVE AC
GREENSBORO 27410 919 294-6190

FOREMAN, SUSAN DOWNER PD 074
505 BREMERTON DR. AC
GREENVILLE 27834 919 752-7141

FORGY, BYRON KEITH GS 012
341 E. PARKER ROAD A AC
MORGANTON 28655 704 433-6390

FORMAN, MARK STUART 032
301 SWIFT ST., APT. 17 A S
DURHAM 27705

FORMANEK, AUGUSTIN GUSTAV DR /PD 034
BERMUDA RUN, BOX 617 A AC
103 HELLERI COURT
ADVANCE 27006 919 998-5333

FORREST, WILLIAM WOMBLE PTH 041
WESLEY LONG HOSPITAL A P AC
P. O. DRAWER X-3
GREENSBORO 27402 919 299-6815

FORRESTER, JAMES SUMMERS FP /GPM 036
P. O. BOX 459 A AC
STANLEY 28164 704 263-4716

FORSHEY, ALAN GRAY FP 018
21 EAST A STREET A AC
NEWTON 28658 704 465-3928

FORSTNER, JAMES ROBERT FP 010
250 EAST 11TH STREET A AC
SOUTHPORT 28461 919 457-9564

FORSYTH, H. FRANCIS ORS 034
2865 BARTRAM ROAD A L/RT
WINSTON-SALEM 27106 919 724-1334

FORT, LYNN, III GS /TS 060
3535 RANDOLPH ROAD, 201-W A AC
CHARLOTTE 28211 704 364-8100

FORT, WILKINSON DAVIS OBG 084
1000 N. FIFTH STREET A AC
ALBEMARLE 28001 704 982-8112

FORTIER, KENNETH JOSEPH OBG 092
2800 BLUE RIDGE BLVD. STE. 502 AC
RALEIGH 27607 919 781-5513

FORTNEY, AUSTIN POWELL IM 040
P. O. BOX 579 A AC
JAMESTOWN 27282 919 454-3151

FORTNEY, SIDNEY RAY IM /END 013
68 LAKE CONCORD ROAD, N.E. A AC
CONCORD 28025 704 782-3135

FORTUNE, BENJAMIN FLETCHER AN 041
906 W. CORNWALLIS DRIVE A L/RT
GREENSBORO 27408 919 272-7755

FOSTER, BOB MAXWELL FP 034
P. O. BOX 427 A * AC
MOCKSVILLE 27028 704 634-2108

FOSTER, JOHN THOMAS OPH 018
P. O. BOX 2588 A AC
HICKORY 28603 704 322-2050

FOSTER, MALCOLM T., SR. PH /IM 026
2702 MIRROR LAKE DRIVE A L/RT
FAYETTEVILLE 28303 919 484-0416

FOSTER, SHARON KAY 074
M-4 DOCTOR'S PARK APTS. A S
GREENVILLE 27834 919 758-8552

FOSTER, WILLIAM LEICESTER, JR. R 032
DUMC, DEPT. OF RADIOLOGY AC
DURHAM 27710 919 286-0411

FOSTER, WILLIAM WADE OPH 092
3320 EXECUTIVE DR., STE. 111 A P * AC
RALEIGH 27609 919 876-2427

FOULKS, GARY NEAL OPH 032
BOX 3802, DUKE UNIV. EYE CTR. A AC
DURHAM 27710 919 684-6417

FOUSHEE, J. HENRY SMITH, JR. PTH 034
FORSYTH MED. PARK, STE. 102 A P AC
WINSTON-SALEM 27103 919 768-2351

FOUSHEE, JOHN CALDWELL GS 053
1710 CARTHAGE ST. A L/RT
SANFORD 27330 919 775-7146

FOUST, JOHN WORTH OT 060
3535 RANDOLPH ROAD A P * AC
CHARLOTTE 28211 704 365-0711

FOWLER, HENRY JACKSON GP 034
P. O. BOX 38 A AC
WALNUT COVE 27052 919 591-4306

FOWLER, JOHN ALVIS PYA /CHP 032
2721 SPENCER ST. AC
DURHAM 27705 919 684-3044

FOWLER, WESLEY CASWELL, JR. GYN /ON 032
UNC, DEPT. OF OB-GYN AC
CHAPEL HILL 27514 919 966-1194

FOWLER, WILLIAM BRIGHT IM 011
675 BILTMORE AVENUE A AC
ASHEVILLE 28803 704 252-1830

FOWLER, WILLIAM EDWARD 074
106 SCALES PL., B-1 A S
GREENVILLE 27834 919 758-2908

FOWLER, WILLIAM VARN FP 059
600 SUGAR HILL RD. AC
PO BOX 39
MARION 28752 704 652-2121

FOX, EARL RUSSELL RHU /IM 070
1830 DELAWARE AVE. AC
CAPE MAY, NJ 08204 609 884-6391

FOX, ELISABETH JUNE AN 032
BOX 3083, DUMC AC
DURHAM 27710 919 681-3560

FOX, JOE THOMAS, JR. P 060
1900 RANDOLPH ROAD AC
CHARLOTTE 28207 704 333-7722

FOX, POWELL GRAHAM, JR. U 092
1108 DRESSER CT. AC
PO BOX 17908
RALEIGH 27619 919 876-4323

FOX, RAYMOND MORRIS, JR. GYN /GP 067
P. O. BOX 910 A P AC
JACKSONVILLE 28541 919 347-2133

FOX, RICHARD FRANKLIN NEP /IM 041
208 W. WENDOVER AVE. AC
GREENSBORO 27401 919 379-9708

FOY, DAVID MARK FP 011
STE. 5-F, DOCTOR'S PARK AC
ASHEVILLE 28801 704 252-8885

FRAASA, ROBERT CONRAD FP 060
4625 COLONY RD. H AC
CHARLOTTE 28226 704 535-4011

FRANCE, RANDAL DENNIS P/PYM 032
DUMC, DEPT. OF PSYCHIATRY AC
DURHAM 27710 919 684-5518

FRANCIS, EDWIN HOWARD EM 063
9 VILLAGE GREEN A AC
SOUTHERN PINES 28387 919 295-7777

FRANCIS, JOHN ARLIE OBG 021
PO BOX 990 AC
EDENTON 27932 919 482-7407

FRANCIS, KENNETH ROBERT 034
2353 SALEM COURT - D A S
WINSTON-SALEM 27103 919 723-3817

FRANCIS, ROBERT DEAN ORS /HS 045
1027 FLEMING STREET A AC
HENDERSONVILLE 28739 704 692-5781

FRANK, JAMES LAWRENCE ORS 032
1828 HILLANDALE ROAD A AC
DURHAM 27705 919 286-1249

FRANK, JOE LEE, JR. R 008
515 S. PEMBROKE AVENUE A * AC
AHOSKIE 27910 919 332-2390

FRANKLIN, EARL RUFFIN PD 092
3803 COMPUTER DR., STE. 207 AC
RALEIGH 27609 919 782-5273

FRANKLIN, ROBERT CHARLES FP 074
500 CEDARHURST A AC
GREENVILLE 27834 919 752-7133

FRASER, DAVID DONALD IM /PD 074
703 E. FIFTH ST., #4 A S
GREENVILLE 27834 919 758-8119

FRASER, DONALD DOYLE D 060
1350 S. KINGS DR. AC
CHARLOTTE 28207 704 372-8750

FRASER, HUGH ERSKINE, JR. D 041
1030 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 373-1383

FRASER, ROBERT WELLINGTON, III TR 060
601 ROBMONT ROAD A AC
CHARLOTTE 28211 704 338-2272

FRAZIER, ARNOLD RAY PUD /IM 060
CHARLOTTE MEMORIAL HOSPITAL A AC
P. O. BOX 32861
CHARLOTTE 28232 704 331-2121

FRAZIER, CLAUDE ALBEE A 011
DOCTOR'S PARK A AC
ASHEVILLE 28801 704 254-1650

FRAZIER, HAROLD LEON P 032
109 CONNER DR., STE. 205 AC
CHAPEL HILL 27514 919 967-2774

FRAZIER, RICHARD ELLIS FP 042
120 PROFESSIONAL DRIVE A AC
ROANOKE RAPIDS 27870 919 537-9176

FREEDMAN, FRED 032
ROUTE #7, BOX 55 A R
DURHAM 27707 919 684-8111

FREEDMAN, MICHAEL VY 074
110 FARMHOUSE PLACE A S
GREENVILLE 27834 919 756-0396

FREEDMAN, STEVEN MITCHELL N 092
PO BOX 40999 A AC
RALEIGH 27629 919 782-3456

FREEL, PAUL DUANE 074
404 HILLCREST DRIVE A S
GREENVILLE 27834 919 355-7807

FREEMAN, DAVID FRANKLIN PYA /CHP 032
ASHE PLACE AC
CHAPEL HILL 27514 919 942-4867

FREEMAN, DOUGLAS G., JR. RHU /AI 092
3831 MERTON DRIVE A AC
RALEIGH 27609 919 781-9633

FREEMAN, GEORGE WELLS FP 044
MIDWAY CLINIC AC
CANTON 28716 704 627-2211

FREEMAN, PERCY LEE U 036
LAKE WYLIE, RT. #5, BOX 410-G A L/RT
CLOVER, SC 29710 803 831-8598

FREEMAN, ROY OSCAR FP 005
P. O. BOX 308 AC
JEFFERSON 28640 919 246-7161

FREEMAN, TYLER IRA IM /GPM 079
511 BRIARWOOD DR. A AC
EDEN 27288 919 627-3081

FREEMAN, WILLIAM HARRISON GS 084
P. O. DRAWER 1398 AC
ALBEMARLE 28001 704 982-0161

FREEMAN, WILLIAM TOWNSEND AN 012
P. O. BOX 2245 A P * AC
MORGANTON 28655 704 438-2168

FREI, TIMOTHY EDWARD IM 008
AHOSKIE MEDICAL ASSOC., INC. A AC
PO BOX 340
AHOSKIE 27910 919 332-4155

FRENCH, THOMAS NASH U 083
LAURINBURG SURGICAL CLI. A AC
PO BOX 1808
LAURINBURG 28352 919 276-3541

FRENETTE, FRANCIS FLO OBG 079
705 VAN BUREN ROAD, BLDG. #3 AC
EDEN 27288 919 623-9158

FRESCA, VICTOR ATTILIO GP /R 016
ROUTE #2 A AS
OAK BLUFF AT BRANDYWINE BAY
MOREHEAD CITY 28557 919 726-5587

FREY, JOHN JOSEPH FP 032
714 GREENWOOD RD. AC
CHAPEL HILL 27514 919 966-5742

FRICK, DONNA ELLIOTT P 032
109 CONNER DR.,BLDG #3,STE.203 AC
CHAPEL HILL 27514 919 933-5600

FRIED, FLOYD ALAN U 032
UNC, DEPT. OF SURGERY A * AC
CHAPEL HILL 27514 919 966-2571

FRIED, MICHAEL DAVID OBG 032
CONNER DRIVE PROF. BUILDING AC
CHAPEL HILL 27514 919 544-3591

FRIEDBERG, R. C. 032
707 NINTH ST. APT. #2 A S
DURHAM 27705 919 286-3909

FRIEDFELD, STEFANIE ANN 034
103 PERSHING AVE. A S
WINSTON-SALEM 27103 919 722-9861

FRIEDLAND, BETH ROSENTHAL OPH /PA 092
10 PARK PLAZA,STE. 3 A AC
PO BOX 12765
RESEARCH TRIANGLE PK 27709 919 549-9135

FRIEDMAN, ALAN DAVID U 011
100 VICTORIA ROAD AC
ASHEVILLE 28801 704 254-8883

FRIEDMAN, ALLAN HOWARD NS 032
BOX 3807, DUMC A AC
DURHAM 27710 919 681-6421

FRIEDMAN, EDNA CHARNEY PD /AN 018
5161 COLLINS AVENUE, APT. 412 A L/RT
MIAMI BEACH, FL 33140 305 864-2880

FRIEDMAN, MITCHELL PUD /IM 032
DIV. OF PULMONARY DISEASES AC
UNC, DEPT. OF MEDICINE
CHAPEL HILL 27514 919 966-2532

FRIEDRICH, THOMAS CHARLES ORS 090
1104 OAK HILL DR. A AC
MONROE 28110 704 289-4595

FRIEND, CHARLES WAIN PD /ADL 060
249 BILLINGSLEY AC
CHARLOTTE 28211 704 375-1885

FRITZ, RICHARD THOMAS R 064
2701 COLEBERRY TR. AC
ROCKY MOUNT 27801 919 443-8083

FROEDGE, JERRY KEITH PD 018
1985 TATE BOULEVARD, S.E. * AC
HICKORY 28601 704 322-2550

FROHBOSE, FREDERICK ALEXANDER 032
RT. #1, BOX 93-E A S
CHAPEL HILL 27514 919 929-3592

FROHBOSE, WILLIAM JOSEPH U 064
212 PIEDMONT AVENUE A L/RT
ROCKY MOUNT 27801 919 443-3136

FROMSON, GERALD ALAN IM 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

FROTHINGHAM, THOMAS ELIOT PD /ID 032
BOX 3937, DUMC AC
DURHAM 27710 919 684-6870

FRY, GERALD LOUIS AN 081
15 CHIMNEY ROCK ROAD A AC
RUTHERFORDTON 28139 704 287-4305

FRY, JOHN RUDOLPH OPH 011
20/20 PLAZA A P AC
90 ASHELAND AVENUE
ASHEVILLE 28801 704 253-5656

FRY, TERRY LENTZ OTO /HNS 032
UNC, 610 CLINICAL SCI. 229-H A AC
CHAPEL HILL 27514 919 966-3341

FRYE, JOSEPH CRAIG R 060
3535 RANDOLPH ROAD, SUITE 102 A AC
CHARLOTTE 28211 704 365-0343

FU, HUNG-JEN GS /TS 042
1060 E. 10TH ST. AC
ROANOKE RAPIDS 27870 919 537-2153

FULBRIGHT, DEBORAH KAY PTH 033
1203 HOWARD AVE. A AC
TARBORO 27886 919 641-7155

FULGHUM, JAMES SPENCER, III NS 092
3009 NEW BERN AVE. A AC
PO BOX 14027
RALEIGH 27610 919 832-4448

FULGHUM, MARY SUSAN KIRK OBG 092
100 S. BOYLAN AVENUE A AC
RALEIGH 27603 919 832-5529

FULK, ROBERT VERNON, JR. OTO 065
2311 DELANEY AVENUE AC
WILMINGTON 28403 919 762-8754

FULLER, CORODON S., JR. PH /GP 032
P. O. BOX 989 A AC
PITTSBORO 27312 919 542-3920

FULLER, HENRY FLEMING OBG 054
KINSTON CLINIC, NORTH, STE. E A L
KINSTON 28501 919 522-4333

FULTON, JAMES WALKER OBG 040
400 N. ELM ST. A AC
HIGH POINT 27260 919 889-4353

FUNCIK, THOMAS 032
1704 N. ROXBORO ST. A S
DURHAM 27701 919 683-1545

FUNDERBURK, AMON LEX IM /END 034
2750 OLD TOWN CLUB ROAD * AC
WINSTON-SALEM 27103 919 768-2370

FURMAN, JEFFREY WILLIAM FP /HYP 032
110 S. ESTES DR. AC
CHAPEL HILL 27514 919 967-8291

FURMAN, LOWELL BENJAMIN GS /CDS 095
STATE FARM ROAD AC
BOONE 28607 704 264-2340

FURMAN, RICHARD WARREN TS /GS 095
702 STATE FARM ROAD A AC
BOONE 28607 704 264-2340

FURR, CARL AUGUSTUS, JR. OBG 013
1054 BURRAGE ROAD, N. E. A AC
CONCORD 28025 704 788-4151

FURR, WILLIAM STEPHEN 032
7304 MCWHIRTER RD. A S
CHARLOTTE 28212 919 286-5530

FURTH, EUGENE DAVID IM /END 074
ECU, DEPT. OF MEDICINE A AC
GREENVILLE 27834 919 757-2570

FUSSELL, FITZHUGH LEE, JR. GP 042
120 PROFESSIONAL DRIVE AC
ROANOKE RAPIDS 27870 919 537-9176

FUTRELL, THOMAS MILTON FP 029
201 W. HOLLY HILL ROAD A AC
THOMASVILLE 27360 919 475-9164

GABLE, RONALD SELMAN OPH 013
33 LAKE CONCORD ROAD, N.E. AC
CONCORD 28025 704 786-2015

GABLE, WALTER DELAY PTH /FOP 067
ONSLOW MEMORIAL HOSPITAL A AC
JACKSONVILLE 28540 919 353-7803

GABRIEL, DON ALEXANDER HEM /IM 032
UNC, DIV. OF HEM/ONCOLOGY AC
CHAPEL HILL 27514 919 966-4431

GABY, NANCY SUE P 034
622 S. SUNSET DR. A AC
WINSTON-SALEM 27103 919 748-4558

GACHET, FRED SMITH, JR. OBG 018
1205 N. CENTER STREET A AC
HICKORY 28601 704 328-2901

GADA, PRESTON HERBERT GS /TS 092
2800 BLUE RIDGE BOULEVARD A P AC
RALEIGH 27607 919 781-7412

GADD, DUWAYNE DOUGLAS U 063
PINEHURST SURGICAL CLINIC A AC
PINEHURST 28374 919 295-1142

GADDY, GEORGE DOUGLAS OPH /OTO 001
1608 MEMORIAL DRIVE A P AC
BURLINGTON 27215 919 226-6321

GADDY, JOE ELLIS, JR. CD /IM 034
2810 MAPLEWOOD AVENUE A P AC
WINSTON-SALEM 27104 919 768-0437

GADDY, ROBERT EDWIN, JR. IM /CD 092
3900 BROWNING PLACE A AC
RALEIGH 27609 919 781-9650

GAGE, LUCIUS GASTON, JR. A 060
1350 S. KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

GAGLIANO, LOUIS ANTHONY P/N 096
P. O. BOX 1975 A AC
GOLDSBORO 27530 919 734-8604

GAINES, IRA LEWIS 034
126 SUNSET ST. A S
WINSTON-SALEM 27101 919 724-6483

GAINEY, JOHN WHITE, JR. GP 016
P. O. DRAWER 97 A AC
MOREHEAD CITY 28557 919 726-6143

GAITHER, JAMES COMER IM 018
660 MILTON RD. A * AC
NEWTON 28658 704 322-1128

GAITHER, ROBERT HUTH OBG 084
1000 N. FIFTH STREET A AC
ALBEMARLE 28001 704 982-8112

GALENTINE, PAUL GUY, III OPH 060
3535 RANDOLPH RD., STE. 202 A AC
CHARLOTTE 28211 704 364-8576

GALL, STANLEY ADOLPH, JR. 032
2907 MONROE AVE. A S
DURHAM 27707 919 489-3621

GALLAGHER, EDGAR GIVENS, JR. GS /TS 067
1013 SCHALL PLACE A P AC
JACKSONVILLE 28540 919 353-7848

GALLAGHER, JOHN JOSEPH CD /IM 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1503

GALLAGHER, KATHLEEN A. DR 013
130 LAKE CONCORD RD. A AC
P. O. BOX 3345
CONCORD 28025 704 786-0214

GALLAGHER, TIMOTHY JOSEPH DR 011
P. O. BOX 2959 A AC
103 DOCTOR'S BUILDING
ASHEVILLE 28802 704 255-4167

GALLEMORE, WARREN GHOLSON IM 040
P. O. BOX 5904 A AC
HIGH POINT 27262 919 889-1191

GALLIS, HARRY ANTHONY ID /IM 032
BOX 3306, DUKE HOSPITAL * AC
DURHAM 27710 919 684-3279

GALLOWAY, JAMES BRUCE ORS 011
9 ALL SOULS CRESCENT A P * AC
ASHEVILLE 28803 704 274-2236

GALLOWAY, JAMES HERVEY FP 092
2617 ROYSTER ROAD A RT
RALEIGH 27608 919 781-7547

GALLOWAY, JAMES MADISON, JR. FP 074
P. O. BOX 415 AC
AYDEN 28513 919 746-3116

GALLUP, KENNETH RAYNOR, JR. PUD /IM 034
2825 LYNDHURST AVE., STE. 101 A * AC
WINSTON-SALEM 27103 919 765-0888

GALPHIN, CLAUDE MABRY NEP 054
2905 COLONIAL CIRCLE A AC
KINSTON 28501 919 522-5725

GALUMBECK, MATTHEW ALAN 032
BOX 2883, DUMC A S
DURHAM 27710 919 286-1217

GALUSZKA, ALBIN ADOLPH U 007
604 E. 12TH STREET A AC
WASHINGTON 27889 919 946-0136

GAMBLE, ELIZABETH RHODES IM /GER 074
401 GREENWOOD DRIVE AC
GREENVILLE 27834 919 756-7901

GAMBLE, JOHN REEVES, JR. GS /GP 055
P. O. BOX 250 * AC
LINCOLNTON 28092 704 735-3023

GAMBLE, WILLIAM HEDRICK CD /IM 041
920 CHERRY ST. A AC
GREENSBORO 27401 919 273-7900

GAMMON, WALTER RAY D 032
404 WHITEHEAD CIRCLE A AC
CHAPEL HILL 27514 919 966-3322

GANGOO, ABDUL RASHID ID 023
810 W. KING STREET A P AC
KINGS MOUNTAIN 28086 704 739-8946

GANTT, CHARLES BERNARD, JR. DR 053
1606 LORD ASHLEY DR. A P AC
SANFORD 27330 919 774-4100

GARBER, EDGAR CLYDE, JR. GYN 026
1641 OWEN DRIVE AC
FAYETTEVILLE 28304 919 484-6474

GARBER, RONALD LEWIS NEP /IM 041
208 W. WENDOVER AVENUE AC
GREENSBORO 27401 919 379-9708

GARCIA, GILBERT JOSEPH, JR. GS /VS 096
1008 E. ASH STREET AC
GOLDSBORO 27530 919 734-6414

GARDELLA, JOHN EUGENE PUD 060
125 BALDWIN AVE. A AC
CHARLOTTE 28204 704 374-1696

GARDNER, DONALD NELSON 074
1511-I BRIDLE CIRCLE A R
GREENVILLE 27834 919 355-5846

GARDNER, FRANCIS SIDNEY, JR. OBG 026
1219 WALTER REED ROAD A AC
FAYETTEVILLE 28304 919 323-2103

GARDNER, WILLIAM RONALD GS /CDS 018
420 N. CENTER STREET A AC
HICKORY 28601 704 327-9178

GARFINKEL, DANIEL FP 041
102 POMONA DRIVE AC
GREENSBORO 27407 919 299-0000

GARFUNKEL, JOSEPH MORRIS PD 032
229 HUNTINGTON DR. A AC
CHAPEL HILL 27514 919 966-5215

GARISON, GARY BROWN CD /IM 026
3423-A MELROSE ROAD A P AC
FAYETTEVILLE 28304 919 484-6154

GARLAND, RUSSELL TYSON 074
1914 WHITE HOLLOW DR. A S
GREENVILLE 27834 919 756-4558

GARLAND, WESLEY SCOTT OM 034
R. J. REYNOLDS, MEDICAL DEPT. A AC
WINSTON-SALEM 27102 919 777-2027

GARNER, JO FRANCIS, II D 095
204 DOCTOR'S DR. P AC
BOONE 28607 704 264-4553

GARRABRANT, EDGAR CORNELIUS OTO 092
3010 ANDERSON DR. A * AC
PO BOX 18946
RALEIGH 27619 919 787-7171

GARRARD, ROBERT LEMLEY P/N 041
1000 RIDGECREST DR. A L/RT
GREENSBORO 27410 919 292-0175

GARRETT, CATHERINE GAELYN 032
42-J STRATFORD HILLS APTS. A S
CHAPEL HILL 27514 919 968-8124

GARRETT, CHARLES LEROY, JR. PTH /FOP 067
ONSLOW MEMORIAL HOSPITAL A * AC
JACKSONVILLE 28540 919 353-3498

GARRETT, JOHN BOSTIAN, JR. U 036
631 COX ROAD A AC
GASTONIA 28054 704 864-7764

GARRETT, JOHN BOSTIAN, SR. FP 034
2926 MAIN ST. A AC
PO BOX 220
WALKERTOWN 27051 919 595-2751

GARRETT, NORMAN HESSON, JR. IM /END 041
1038 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 378-9131

GARRETT, WILLIAM ELWOOD, JR. ORS 032
BOX 3435, DUMC A AC
DURHAM 27710 919 684-6658

GARRISON, HERBERT GASTON,III 032
1161 MULBERRY LN, APT. 31-G A S
GREENVILLE 27834

GARRISON, JUDIE LYNNE 032
1161 MULBERRY LANE, APT. 31-G A S
GREENVILLE 27834

GARRISON, RALPH BERNARD FP 077
P. O. BOX 1169 A L/RT
HAMLET 28345 919 582-2140

GARRISON, ROBERT LEE GS 060
225 HAWTHORNE LANE A AC
CHARLOTTE 28204 704 377-1349

GARRISON, ROBERT WALTER U 016
15 MEDICAL PARK AC
MOREHEAD CITY 28557 919 247-2101

GARROU, BENJAMIN WESLEY, SR. IM /ON 012
P. O. BOX 520 AC
VALDESE 28690 704 874-0522

GARSIDE, WILLIAM BLAKE PS 092
1112 DRESSER COURT A AC
RALEIGH 27609 919 872-2616

GARTRELL, DOUGLAS MERVYN 032
1213 CAROLINA AVE. A S
DURHAM 27705 919 688-7048

GARVEY, ALFRED HAMILTON U 041
200 E. NORTHWOOD ST., STE. 302 A AC
GREENSBORO 27401 919 275-6115

GASKIN, ERNEST REED OPH 060
100 QUEENS RD. A P AC
CHARLOTTE 28204 704 332-1156

GASKIN, JOHN STOVER, JR. FP 084
228 YADKIN STREET A AC
ALBEMARLE 28001 704 983-3121

GASKIN, LEWIS JAMES AN 092
P. O. BOX 18139 A P * AC
RALEIGH 27619 919 781-7420

GASKIN, LEWIS REED OPH 060
100 QUEENS RD. A P AC
CHARLOTTE 28204 704 332-1156

GASKINS, RAYMOND ALBERT, JR. FP /OM 026
126 THORNCLIFF AC
FAYETTEVILLE 28303 919 323-3183

GASQUE, BOYD BENNETT, JR. DR 078
P. O. DRAWER 1527 A P AC
LUMBERTON 28359 919 738-8222

GASQUE, MAC ROY OM /PH 088
5 FORTUNE COVE RD. A L
BREVARD 28712 704 884-2503

GATES, LAWRENCE KEITH, JR. IM 032
2112 BROAD ST., E-36 A S
DURHAM 27705 919 471-0705

GATLING, H. BEE PH 073
ROUTE #1, BOX 28 AC
MILTON 27305 919 234-8656

GAUL, JOHN STUART, JR. HS 060
PO BOX 35228 A AC
CHARLOTTE 28235 704 372-9820

GAUNT, GEORGE LOREN, JR. PTH 060
2034 RANDOLPH RD. A P AC
CHARLOTTE 28207 704 372-4600

GAVIGAN, JAMES RICHARD U 074
2 DOCTOR'S PARK A AC
GREENVILLE 27834 919 752-5077

GAVIGAN, THOMAS JOSEPH GE 060
125 BALDWIN AVENUE A AC
CHARLOTTE 28204 704 374-1696

GAWOROWSKI, JOANNA MARIA P. P 011
HIGHLAND HOSPITAL A AC
P. O. BOX 1101
ASHEVILLE 28802 704 254-3201

GAY, CHARLES HOUSTON PD 060
2320 QUEENS ROAD, EAST A L/RT
CHARLOTTE 28207 704 333-7479

GAY, ROBERT MILTON PTH /CLP 041
1200 N. ELM STREET A P AC
GREENSBORO 27401 919 379-4074

GAY, WILTON CARLYLE, JR. FP 074
204 STAFFORDSHIRE RD. AC
GREENVILLE 27834 919 756-4593

GAZAK, JOHN MICHAEL U 060
1900 RANDOLPH RD. STE. 816 A P AC
CHARLOTTE 28207 704 334-3033

GEARING, FRANK WILSON, III PD 098
2112 W. NASH ST. A * AC
WILSON 27893 919 237-2151

GEARY, LEON WALLACE PUD /A 032
2609 N. DUKE ST., STE. 504 A P AC
DURHAM 27704 919 471-4466

GEBEL, EMILE LOUIS OPH 023
1413 N. LAFAYETTE STREET A AC
SHELBY 28150 704 482-6767

GEDDIE, KENNETH BAXTER PD 040
1121 N. ROTARY DR. A L/RT
HIGH POINT 27262 919 882-4171

GEER-BRENTON, LINDA LOU DR 096
2700 MEDICAL OFFICE PLACE A AC
GOLDSBORO 27530 919 734-1866

GEGICK, CHARLES GEORGE END /IM 041
1022 PROFESSIONAL VILLAGE AC
GREENSBORO 27401 919 378-1143

GEHWEILER, JOHN ANDREW, JR. R 044
P. O. BOX 231 * AC
WAYNESVILLE 28786 704 452-1517

GEISSINGER, WILLIAM TUTTLE GS 060
2711 RANDOLPH RD., STE. 502 AC
CHARLOTTE 28207 704 372-8750

GELFAND, DAVID WILLIAM R 034
853 BUTTONWOOD DRIVE AC
WINSTON-SALEM 27104 919 748-2481

GELOT, RAGHUVIR BAXIRAM OTO 008
RT. #1, BOX 6-B AC
AHOSKIE 27910 919 332-5917

GENIEC, PAUL OTO /PS 040
P. O. BOX 5666 AC
HIGH POINT 27262 919 885-0071

GENTLING, PETER ALLEN GS 011
5-D DOCTOR'S PARK A P AC
ASHEVILLE 28801 704 252-2457

GENTRY, JOHN BILLY PTH 023
307 S. POSTON STREET A AC
SHELBY 28150 704 482-0241

GEORGE, LYNN DARCY AN /FP 000
35 BELVOIR DRIVE A AC
FORT BELVOIR, VA 22060 703 781-7533

GEORGIADE, GREGORY S. PS /GS 032
BOX 3960, DUMC A AC
DURHAM 27710 919 684-3039

GEORGIADE, NICHOLAS GEORGE PS 032
BOX 3098, DUMC A AC
DURHAM 27710 919 684-2854

GERATZ, JOACHIM DIETER PTH 032
UNC,DEPT. OF PTH, BBB 228-H A AC
CHAPEL HILL 27514 919 966-4294

GERBE, RONALD WILLIAM OTO /HNS 032
109 CONNER DR. A P AC
CHAPEL HILL 27514 919 967-5599

GERDES, JOSEPH JOHN DR 013
P. O. BOX 3345 A P AC
CONCORD 28025 704 786-0214

GEROCK, HENRY FP 067
200 DOCTOR'S DRIVE, SUITE M A AC
JACKSONVILLE 28540 919 353-7600

GERRARD, EDWARD ROLLAND U 018
1202 N. CENTER STREET P AC
HICKORY 28601 704 322-4340

GERSTEIN, JARED DAVID EM /FP 092
1774 QUAIL RIDGE ROAD AC
RALEIGH 27609 919 872-6147

GESING, BERNARD FRANCIS FP 060
10724 PARK ROAD A AC
PINEVILLE 28134 704 542-6577

GESZLER, GERIANNE OBG 032
2718 MCDOWELL ST. A R
DURHAM 27705 919 489-6008

GETZ, DONALD DAVID ORS 065
1616 MEDICAL CENTER DRIVE A P AC
WILMINGTON 28401 919 762-2655

GHIA, JAWAHAR NAROTTAMDAS AN 032
DEPT. OF ANES A AC
N. C. MEMORIAL HOSPITAL
CHAPEL HILL 27514 919 966-5216

GIANTURCO, DANIEL THOMAS P 032
2925 FRIENDSHIP ROAD AC
DURHAM 27705 919 684-4335

GIBBLE, TIMOTHY PIUS IM 041
DOCTOR'S COMPLEX #1 A AC
THE BRUNSWICK HOSPITAL
SUPPLY 28462 919 272-7398

GIBBS, DAVID HAMILTON 074
2710 SUNSET AVENUE A S
GREENVILLE 27834 919 756-8040

GIBBS, JAMES SAMUEL GE /IM 034
1830 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 765-0463

GIBBS, STUART WYNN R 036
P. O. BOX 1495 A L/RT
GASTONIA 28052 704 864-4378

GIBLIN, THOMAS RICHARD PS 060
1900 RANDOLPH ROAD, #300 A P AC
CHARLOTTE 28207 704 332-4161

GIBSON, FLOYD BRIAN 034
1623 NORTHWEST BLVD. A S
WINSTON-SALEM 27104 919 724-9032

GIBSON, JACKSON V. IM 062
423 WOOD STREET AC
TROY 27371 919 572-3779

GIBSON, JAMES BRUCE 032
1500 DUKE UNIV.RD., APT. A-2-A A S
DURHAM 27701

GIBSON, JAMES FRANKLIN GS /GP 053
1916 WILKINS DRIVE A AC
SANFORD 27330 919 776-5191

GIBSON, JOHN MCNEILL IM 060
212 S. TRYON ST., STE. 1500 A AC
CHARLOTTE 28281 704 333-6544

GIBSON, ROBERT WYLIE P/N 034
190 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-6930

GIBSON, THOMAS GUTHRIE, JR. GP /OTO 083
P. O. BOX 308 AC
GIBSON 28343 919 268-4451

GIFFORD, ALLEN LOTHROP 032
615-A HIBBARD DR. A S
CHAPEL HILL 27514 919 933-5893

GILBERT, CHARLES FRANKLIN PTH 074
PITT CO. MEM. HOSP.-LAB. MED. A AC
GREENVILLE 27834 919 757-4495

GILBERT, DAVID BRANSON CD /IM 026
1756 METROMEDICAL DRIVE A AC
FAYETTEVILLE 28304 919 323-1322

GILBERT, GEORGE GAYLORD U 011
1 ST. DUNSTANS ROAD A P * L/RT
ASHEVILLE 28803 704 254-3604

GILBERT, HENRY TUCKER DR 018
P. O. BOX 308 A AC
HICKORY 28601 704 322-2644

GILBERT, MICHAEL T. OPH 070
1134 N. ROAD STREET A AC
ELIZABETH CITY 27909 919 338-0148

GILBERT, PAUL PRESSLY ORS 060
2300-B RANDOLPH ROAD AC
CHARLOTTE 28207 704 375-5955

GILBERT, RICHARD LESLIE, JR. 074
A-1 DOCTORS PARK APTS. A S
BEASLEY DRIVE
GREENVILLE 27834 919 758-1862

GILBERT, STANLEY KEITH, JR. ORS /HS 026
1300 MEDICAL DRIVE A AC
FAYETTEVILLE 28304 919 484-2171

GILGOR, ROBERT SAMUEL D 032
891 WILLOW DRIVE A P AC
CHAPEL HILL 27514 919 942-3106

GILL, KENNETH ARNOLD, JR. D/DMP 040
624 QUAKER LN,STE,302,BLDG B A * AC
HIGH POINT 27262 919 887-3195

GILL, LOWELL HARLEY ORS 060
1822 BRUNSWICK AVENUE A P AC
CHARLOTTE 28207 704 373-0544

GILLEN, HOWARD WILLIAM N 065
1301 CYPRESS GROVE DR. A P * AC
WILMINGTON 28401 919 762-8501

GILLESPIE, CAMERON ALEXANDER OTO 032
3810 LAWRENCE AVE. A R
KENSINGTON, MD 20895

GILLIAM, CHARLES FRANKLIN PD 029
200 ARTHUR DRIVE A AC
THOMASVILLE 27360 919 475-2348

GILLIAM, GEORGIA LEILA IM 032
3301 SHANNON RD., APT. 14-F A AC
DURHAM 27707 919 286-0411

GILLIAM, JOHN HUGH, III GE /IM 034
300 S. HAWTHORNE ROAD A AC
BOWMAN GRAY SCH. OF MED
WINSTON-SALEM 27103 919 748-4601

GILLIATT, CECIL LEE, JR., PD 023
101 GROVER STREET A AC
SHELBY 28150 704 482-1435

GILLIGAN, KENDALL ALLEN EM 044
109 ROBIN LANE AC
WAYNESVILLE 28786 704 456-6021

GILMORE, BROOKS WEBSTER IM 041
342 N. ELM STREET A AC
GREENSBORO 27401 919 274-6373

GILMORE, JOHN RUSSELL OPH 032
221 W. COLORADO BLVD.,STE.300 A R
DALLAS, TX 75208

GILMORE, SAMUEL JOSEPH OBG 054
KINSTON CLINIC, NORTH, STE. E A AC
KINSTON 28501 919 522-4333

GILMOUR, MONROE TAYLOR IM 060
1300 BAXTER ST., STE. 163 A * L/RT
CHARLOTTE 28204 704 375-0287

GIMESH, JOHN SIGMUND PD 026
3415-C MELROSE ROAD A AC
FAYETTEVILLE 28304 919 484-8163

GINN, FRED LEGRAY PTH 026
CAPE FEAR VALLEY HOSPITAL A AC
FAYETTEVILLE 28302 919 323-6149

GINN, THOMAS MOSS IM 080
319 MOCKSVILLE AVE. A AC
SALISBURY 28144 704 637-3538

GINN, WILLIAM M. , JR. CD /IM 092
2800 BLUE RIDGE, STE. 205 AC
RALEIGH 27607 919 782-0414

GIOANNINI-BROWN, CAROL ANN PTH 032
5009 N. GLEN DRIVE A AC
RALEIGH 27609 919 470-4000

GIOFFRE, RONALD ANTHONY ORS 041
315 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 275-0724

GIRAGOS, JOHN G. P/PYA 032
3325 CHAPEL HILL BLVD.STE.,101 A AC
DURHAM 27707 919 493-1810

GISH, LARRY MORGAN IM 080
611 MOCKSVILLE AVENUE A P AC
SALISBURY 28144 704 633-7220

GITELMAN, HILLEL JONATHAN NEP /IM 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-2561

GITT, KENNETH DARYL OBG 086
708 S. SOUTH STREET AC
MOUNT AIRY 27030 919 786-4522

GIVENS, DAVIDSON HOWARD CD /IM 034
1399 WESTGATE CENTER DR. P AC
WINSTON-SALEM 27103 919 768-4261

GIVENS, GEORGE HOWARD, JR. FP 002
P. O. BOX 308 A AC
TAYLORSVILLE 28681 704 632-2270

GIVENS, KERRY THOMAS 032
4041 VALLEY ROAD A S
HARRISBURG, PA 17112 717 545-0205

GLANCE, GREGORY LYNN 034
19 E COVEY LANE A S
GREENSBORO 27406 919 724-2417

GLASGOW, DOUGLAS MCKAY IM /GER 060
924 DOCTOR'S BUILDING A L
CHARLOTTE 28283 704 375-5674

GLASS, FREDERICK WILLIAM EM /GS 034
BOWMAN GRAY SCH. OF MED. A * AC
WINSTON-SALEM 27103 919 748-4626

GLASS, PETER STANLEY A. AN 032
BOX 3094, DUMC A AC
DURHAM 27710 919 684-5045

GLASSON, JOHN ORS 032
2609 N. DUKE ST. A P * AC
DURHAM 27704 919 471-8431

GLATZ, FRANK ROBERT, JR. OTO 034
3303 HEALY DR., STE. A A AC
WINSTON-SALEM 27103 919 768-4866

GLEATON, HUGH ELBERT, JR. OPH 045
643 FIFTH AVENUE, WEST A AC
HENDERSONVILLE 28739 704 692-9146

GLEN, DULANEY IM 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

GLENN, CHANNING GP 009
P. O. BOX 278 A L/RT
ELIZABETHTOWN 28337 919 862-3721

GLENN, CHARLES ARTHUR GS 036
P. O. BOX 1492 A L
GASTONIA 28053 704 865-1103

GLENN, DAVID LOCKE, JR. GS 045
561 FLEMING ST. AC
HENDERSONVILLE 28739 704 693-1778

GLENN, DOROTHY NORMAN OBG 036
ISLAMABAD-ID,DEPT. OF STATE A L
WASHINGTON, DC 20523 703 235-9656

GLENN, JOHN CAPERS, JR. R/NM 062
514 WOOD STREET A P AC
TROY 27371 919 572-3475

GLENN, SHELLEY FAYE 074
E-5 DOCTOR'S PARK APTS. A S
GREENVILLE 27834 919 752-6182

GLINSKI, RONALD PETER U/PTH 024
ROUTE #1, BOX 46A A AC
WHITEVILLE 28472 919 642-5832

GLOD, ALBERT PAUL GS /TS 034
152 MUIRFIELD DR. A L/RT
WINSTON-SALEM 27104 919 725-3702

GLOVER, JAMES BUNYAN OBG 098
CAROLINA CLINIC A AC
WILSON 27893 919 291-9010

GLOVER, JOHN SNOW OBG 060
1851 E. THIRD STREET AC
CHARLOTTE 28204 704 332-8103

GLUGOVER, DONALD BENJAMIN ORS 012
76 MONTANYA VIEW A AC
VALDESE 28690 704 874-3379

GOBEL, WILLIAM KENNETH FP 076
P. O. BOX 1886 A AC
ASHEBORO 27203 919 672-0090

GOCKERMAN, JON PAUL ON /HEM 032
DUKE COMP. CARE CTR. A AC
P. O. BOX 3877
DURHAM 27710 919 684-6283

GOCO, ISAIAS ISMAEL GS /CDS 034
1901 S.HAWTHORNE RD.,STE.220 AC
WINSTON-SALEM 27103 919 768-4710

GODBOLD, RONALD LEE D 011
281 MCDOWELL STREET A P AC
ASHEVILLE 28803 704 252-5679

GODEHN, DONALD JOHN, JR., D 045
506 PARK HILL CT., STE. #1 A * AC
HENDERSONVILLE 28739 704 693-0275

GODWIN, HAROLD LACY IM 026
1601-B OWEN DRIVE A AC
FAYETTEVILLE 28304 919 323-1152

GODWIN, HERMAN ALLEN, JR. HEM /IM 060
2711 RANDOLPH RD. #100 AC
CHARLOTTE 28207 704 373-0700

GOETZL, UGO N/P 032
1830 HILLANDALE ROAD AC
DURHAM 27705 919 383-5531

GOFF, DAVID ALBERT IM /PD 092
3400 EXECUTIVE DR. A AC
RALEIGH 27609 919 878-0900

GOFF, JACOB BENJ. M., JR. U 049
P. O. BOX 1727 AC
STATESVILLE 28677 704 873-3766

GOFORTH, JOHN PARKER 074
215 CHURCH ST. A S
DANVILLE, PA 17821

GOINS, JAMES ROBERT OBG 018
210 13TH AVENUE PLACE, NW AC
HICKORY 28601 704 322-3017

GOLBY, MARY BLUE IM 032
904 BROAD STREET A AC
DURHAM 27705 919 286-4900

GOLD, BENJAMIN MILLER OBG 064
1730 LAFAYETTE CIRCLE A RT
ROCKY MOUNT 27801 919 442-4756

GOLDBERG, MARC ANDREW 032
DUKE MEDICAL CENTER A S
DURHAM 27710 919 383-8675

GOLDBERG, TREVOR IAN OTO 060
1600 E. THIRD STREET A AC
CHARLOTTE 28204 704 372-3300

GOLDMAN, ALAN LAWRENCE PD 092
2800 BLUE RIDGE BLVD.,STE. 501 AC
RALEIGH 27607 919 781-7490

GOLDMAN, JAMES OSWALD, JR. EM 053
PO BOX 1597 A AC
SANFORD 27331 919 775-4100

GOLDNER, JOSEPH LEONARD ORS /HS 032
BOX 3706, DUMC A P AC
DURHAM 27710 919 684-2628

GOLDNER, RICHARD DOUGLAS ORS /HS 032
BOX 3480, DUMC A AC
DURHAM 27710 919 684-6461

GOLDSTON, WILLIAM ROBERT OBG 092
2800 BLUE RIDGE BLVD.,STE.207 AC
RALEIGH 27607 919 781-5510

GOLEMBE, BARRY LOUIS PD /PHO 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

GOLEY, ALEXANDER FAIRLEY IM 001
1509 VAUGHN ROAD AC
BURLINGTON 27215 919 228-6000

GOLEY, WILLARD COE FP 001
217 N. MAIN STREET A L
GRAHAM 27253 919 226-2072

GOLLBERG, HAROLD RONALD P/GER 011
445 BILTMORE CENTER, STE. 304 A * AC
ASHEVILLE 28801 704 252-1421

GOMEZ, RAUL FERNANDO P 026
P. O. BOX 40237 AC
FAYETTEVILLE 28304 919 484-9634

GONZALEZ, JORGE JOSE IM /END 065
2131 S. 17TH STREET AC
WILMINGTON 28401 919 343-0161

GOOD, MICHAEL CLAY 074
M-12 DOCTOR'S PARK APTS. A S
GREENVILLE 27834 919 758-4771

GOODALE, FAIRFIELD PTH 034
726 N. STRATFORD RD. A AC
WINSTON-SALEM 27104 919 748-4424

GOODE, DAVID JOHN P 034
BOWMAN GRAY, DEPT. OF PSY. AC
WINSTON-SALEM 27103 919 748-4142

GOODE, THOMAS VANCE, III GS 049
P. O. BOX 1068 A AC
STATESVILLE 28677 704 873-7253

GOODEN, MICHAEL DEAN OBG 096
2400 WAYNE MEM. DR., STE. K A AC
GOLDSBORO 27530 919 734-3344

GOODFIELD, PETER CD 045
510 7TH AVENUE, WEST A AC
HENDERSONVILLE 28739 704 692-2231

GOODHALL-GUNN, PATRICIA AN 025
4509 STRATTON DR. A AC
PO BOX 983
NEW BERN 28560 919 633-6117

GOODIN, THOMAS ELLIOTT,III AN 018
701 5TH AVE., N.E. A P * AC
CONOVER 28613 704 322-0860

GOODMAN, BENJAMIN WARREN FP 018
24 SECOND AVENUE, N. E. A P * AC
HICKORY 28601 704 328-2231

GOODMAN, DONALD BRUCE, JR. FP 060
6708 ALBEMARLE RD. AC
CHARLOTTE 28212 704 536-4903

GOODMAN, TERRENCE LYNN IM /PD 016
P. O. BOX 166 A AC
ATLANTIC 28511 919 225-6391

GOODNO, CHARLES CHRISTIAN FP 051
PO BOX 1007 AC
PRINCETON 27569 919 936-2889

GOODSON, JOHN PHILLIP GS 092
3814 BROWNING PLACE AC
RALEIGH 27609 919 781-0710

GOODSON, PHILLIP RICHARD OBG 049
1308 DAVIE AVENUE P AC
STATESVILLE 28677 704 873-1436

GOODWIN, BONNIE JEANNE IM /ON 025
PO BOX 68 A AC
POLLOCKSVILLE 28573 919 633-1010

GOODWIN, JAMES OSCAR OBG 091
MEDICAL ARTS BUILDING A AC
RUIN CREEK ROAD
HENDERSON 27536 919 492-8576

GOODWIN, JOEL SEXTON OBG 080
315 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 636-9270

GORDON, JOHN DAVID 032
910 CONSTITUTION DR., APT. 405 A S
DURHAM 27705 919 383-8827

GORDON, JOSEPH GROVER R 034
BOWMAN GRAY SCH. OF MED. A AC
WINSTON-SALEM 27103 919 748-4316

GOSS, FREDERICK UHL IM 080
611 MOCKSVILLE AVE. A AC
SALISBURY 28144 704 633-7220

GOSSETT, ROBERT PETER U 023
1001 N. WASHINGTON ST. A AC
SHELBY 28150 919 482-2011

GOTHARD, TODD WORTHINGTON OPH 032
4108 TREVOR CIRCLE A S
DURHAM 27705 919 471-2914

GOTTLIEB, LOUIS NATHAN OPH 034
631 COLISEUM DRIVE A P AC
WINSTON-SALEM 27106 919 723-1041

GOTTOVI, DANIEL PUD /IM 065
1202 MEDICAL CENTER DRIVE A P * AC
WILMINGTON 28401 919 341-3300

GOTTSCHALK, CARL WILLIAM IM /NEP 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-4567

GOTTSEGEN, DANIEL LEO OBG 041
200 E. NORTHWOOD ST., STE. 216 A AC
GREENSBORO 27401 919 275-5391

GOUBRAN, MICHEL OBG /END 039
104 BELLE ST. A AC
OXFORD 27565 919 693-2131

GOUGH, WILLIAM, III RHU /IM 011
445 BILTMORE CENTER, STE. 306 AC
ASHEVILLE 28801 704 258-9533

GOULD, SIGMUND STANLEY OPH 041
405-B PARKWAY AVE. A AC
GREENSBORO 27410 919 274-2441

GOULSON, DAN T. 032
102 KELLY CT. A S
CHAPEL HILL 27514 919 933-0508

GOUTOS, JOHN D. IM 060
2115 E. 7TH ST., STE. 102 AC
CHARLOTTE 28204 704 372-3126

GOWEN, CLARENCE WM., JR. PD /NPM 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-4812

GOWEN, MARILYN ALLEY PD /PDA 074
ECU, DEPT. OF PEDIATRICS A AC
GREENVILLE 27834 919 757-4772

GOWER, DAVID JOHN NS 034
N. C. BAPTIST HOSPITAL R
WINSTON-SALEM 27103 919 748-4038

GOWER, VERLIA COLE 034
918 MADISON AVENUE A S
WINSTON-SALEM 27103 919 723-8602

GRADY, RICHARD DWIGHT OTO /HNS 025
P. O. BOX 2406 A AC
NEW BERN 28560 919 638-2666

GRAFF, LOUIS GEORGE AN 026
2306 ROLLING HILL A P AC
FAYETTEVILLE 28304 919 323-6061

GRAHAM, CHARLES PATTISON GS 065
201 FOREST HILLS DRIVE A L/RT
WILMINGTON 28403 919 762-0385

GRAHAM, DAVID ERIC GP /AM 060
P. O. BOX 459 P AC
MATTHEWS 28105 704 847-8664

GRAHAM, FREDERICK WILLIAM, JR. FP 076
125 E. TAFT AVENUE A AC
ASHEBORO 27203 919 625-4215

GRAHAM, GLORIA FLIPPIN D 098
702 BROAD STREET A P * AC
WILSON 27893 919 291-5600

GRAHAM, JOHN BORDEN PTH /HEM 032
UNC SCHOOL OF MEDICINE AC
CHAPEL HILL 27514 919 966-4318

GRAHAM, JOHN CALHOUN, JR. DR /NM 070
106 S. WATER ST. A AC
PO BOX 250
ELIZABETH CITY 27909 919 335-2652

GRAHAM, WALTER RALEIGH OPH 060
743 HEMPSTEAD PLACE A L/RT
CHARLOTTE 28207 704 334-6014

GRAHAM, WALTER RALEIGH, JR. D 060
3535 RANDOLPH ROAD A P * AC
CHARLOTTE 28211 704 365-1238

GRAHAM, WILLIAM ALEXANDER OBG 032
2247 CRANFORD ROAD A L/RT
DURHAM 27706 919 489-5214

GRANGER, RONALD EUGENE OBG 032
1821 GREEN STREET A AC
DURHAM 27705 919 286-1250

GRANOVETTER, DAVID ALAN RHU /AI 092
3831 MERTON DRIVE A AC
RALEIGH 27609 919 781-9633

GRANT JOSEPH DURHAM ORS 096
2801 MEDICAL OFFICE PLACE A AC
GOLDSBORO 27530 919 736-2157

GRANT, GEORGE REDD, JR. IM 092
3101 ESSEX CIRCLE A P AC
RALEIGH 27608 919 782-2631

GRANT, HUGH JUDD, JR. OBG 092
100 S. BOYLAN AVENUE A AC
RALEIGH 27603 919 832-5529

GRANT, JOHN PALMER GS 032
BOX 3105, DUMC AC
DURHAM 27710 919 684-3314

GRANT, TERRY ALAN 074
2905-A CEDAR CREEK RD. A S
GREENVILLE 27834 919 758-6820

GRANT, WILLIS JACKSON, III P 034
250 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-4730

GRAVATT, BENJAMIN THOMAS AN 011
202 DOCTOR'S BUILDING A AC
ASHEVILLE 28801 704 254-1969

GRAVES, ROY WILLIAM EM 074
DEPT. OF EMERGENCY MED. A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-0038

GRAVLEE, GLENN PAGE AN 034
1205 CLOVER STREET A * AC
WINSTON-SALEM 27101 919 748-4498

GRAY, CRAIGAN LUTHER OBG 011
143 ASHELAND AVENUE A P AC
ASHEVILLE 28801 704 258-9191

GRAY, CYRUS LEIGHTON R 040
P. O. BOX 5007 A L
HIGH POINT 27262 919 887-1955

GRAY, MARY JANE OBG 032
UNC STUDENT HEALTH SERVICE AC
CHAPEL HILL 27514 919 966-2281

GRAY, PATRICK HAMPTON OBG 074
302 GLASGOW LANE A R
GREENVILLE 27834 919 757-4100

GRAY, ROBERTA SKINNER PNP 074
ECU DEPT. OF PEDIATRICS A AC
GREENVILLE 27834 919 757-4963

GRAY, TIMOTHY KENNEY END /IM 032
UNC, DEPT. OF MEDICINE AC
CHAPEL HILL 27514 919 966-3336

GREAVES, MARK KESSLER EM 060
7323 SHERWOOD FOREST DR. A AC
CHARLOTTE 28226 704 547-9200

GRECO, PETER PAUL D 025
P. O. BOX 2908 AC
NEW BERN 28561 919 633-1817

GREEN, ARTHUR GERRISH, III IM /FP 041
1511 WESTOVER TERRACE AC
GREENSBORO 27408 919 373-1184

GREEN, EDWARD GRAHAM PD /ADL 060
2711 RANDOLPH RD., STE. 206 AC
CHARLOTTE 28207 704 372-3163

GREEN, FRANCIS WEATHERLY IM 084
1009 N. 6TH ST. A P AC
ALBEMARLE 28001 704 982-8169

GREEN, HAROLD D. CD 034
3619 DEWSBURY ROAD A L/RT
WINSTON-SALEM 27104 919 765-5078

GREEN, JAMES PRESTON FP 091
176 BECKFORD DRIVE A AC
HENDERSON 27536 919 492-2161

GREEN, JULIUS ALPHEUS, JR. R 092
P. O. BOX 19366 A AC
RALEIGH 27609 919 787-8221

GREEN, KENNETH ERIC GP 018
4 BRENTWOOD LANE, SE A AC
HICKORY 28602 704 294-1116

GREEN, PAUL, JR. GYN 080
315 G MOCKSVILLE AVE. A P AC
SALISBURY 28144 704 636-9270

GREEN, RAY LYMAN OBG 049
1308 DAVIE AVENUE AC
STATESVILLE 28677 704 873-1436

GREEN, ROBERT LEE, JR. P/N 032
2300 WHITLEY DR. AC
HOLLY HILL HOSPITAL
DURHAM 27707 919 755-1840

GREEN, ROBERT LORENZA R 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 773-3873

GREENBERG, WILLIAM ROGER AN 090
P. O. BOX 2188 A P AC
MONROE 28110 704 289-3247

GREENE, JOSEPH ELMO GP /OM 090
P. O. BOX 219 A AC
MARSHVILLE 28103 704 624-2125

GREENE, JOSEPH SCOTT 034
1323 BLOOM ROAD A S
DANVILLE, PA 17821

GREENE, RALPH LEON, JR. IM 060
3535 RANDOLPH ROAD A * AC
CHARLOTTE 28211 704 365-0760

GREENE, ROBERT HADLEY FP 060
2001 OAKLAWN AVENUE A RT
CHARLOTTE 28216 704 332-7506

GREENE, WALTER BLAIR ORS 032
UNC, 237 BURNETT-WOMACK A P AC
CHAPEL HILL 27514 919 966-3691

†GREENE, WILLIAM ALEXANDER FP 024
1206 PINCKNEY ST. A L
DECEASED -- 5-11-86
WHITEVILLE 28472 919 642-3388

GREENFIELD, JOS. C., JR IM /CD 032
BOX 3246, DUMC AC
DURHAM 27710 919 681-6147

GREENHOOT, JERRY HARVEY NS 060
1010 EDGEHILL ROAD NORTH A P AC
CHARLOTTE 28207 704 376-1605

GREENMAN, MAXWELL OPH 060
309 S. LAUREL AVENUE A AC
CHARLOTTE 28207 704 372-4380

GREENWOOD, JAMES BROOKS, JR. FP 060
4101 CENTRAL AVENUE A P * AC
CHARLOTTE 28205 704 537-0020

GREENWOOD, ROBERT SAMUEL CHN /PD 032
UNC, 751 CLINICAL SCI. 229-H A AC
CHAPEL HILL 27514 919 966-2528

GREER, THOMAS BYWATER OBG 092
P. O. BOX 18568 A AC
RALEIGH 27619 919 782-1273

GREGANTI, MAC ANDREW IM 032
UNC, DEPT. OF IM AC
CHAPEL HILL 27514 919 966-2276

GREGORY, HUGH STANLEY OTO 067
NORTHWOODS PROF. PLAZA A AC
JACKSONVILLE 28540 919 455-4847

GREGORY, JERRY GLEN P 074
ECU, DEPT. OF PSYCHIATRY A AC
GREENVILLE 27834 919 757-2660

GREGORY, WILLIAM LYON GP 036
2405 LOWELL ROAD AC
GASTONIA 28052 704 865-8134

GREIG, JOHN HAMILTON AN 060
4401 COLWICK ROAD #702 AC
CHARLOTTE 28211 704 366-9408

GREISS, FRANK CHRISTIAN, JR. OBG 034
BOWMAN GRAY SCH. OF MED. A AC
WINSTON-SALEM 27103 919 748-4039

GREVIOUS, STEPHEN SCOTT 034
1641-P NORTHWEST BLVD. S
WINSTON-SALEM 27104 919 724-4541

GREWAL, SATPAL KAUR TR 025
CRAVEN COUNTY HOSPITAL AC
PO BOX 5117
NEW BERN 28560 919 633-8730

GRICE, ORMOND DREW GS 025
P. O. BOX 1089 AC
NEW BERN 28560 919 633-3557

GRIER, JOHN CALVIN, JR. P 063
P. O. BOX 819 A L
PINEHURST 28374 919 295-6166

GRIER, MICHAEL WILLIAM GE /IM 011
30 CHOCTAW STREET A AC
ASHEVILLE 28801 704 254-0881

GRIER, RAYMOND EDWARD AN 041
4406 WILD OAK LN. AC
GREENSBORO 27406 919 275-9741

GRIFFIN, ADRIAN MARK EM /P 086
726 GREENHILL ROAD A * AC
MOUNT AIRY 27030 919 789-9541

GRIFFIN, ASHTON THOMAS, III FP 096
2400 WAYNE MEMORIAL DRIVE A AC
GOLDSBORO 27530 919 735-8601

GRIFFIN, EUGENE WILSON, III FP 086
LILA SWAIM PARK RD.,RT. #2 AC
JONESVILLE 28642 919 835-6300

GRIFFIN, EZRA DANIEL, JR. OBG 060
449 N. WENDOVER ROAD A AC
CHARLOTTE 28211 704 364-3760

GRIFFIN, HAROLD WALKER OPH 018
178 17TH AVENUE, N.W. A L/RT
HICKORY 28601 704 327-8526

GRIFFIN, JOSEPH LAIRD OBG 014
P. O. BOX 2640 A P AC
LENOIR 28645 704 758-2300

GRIFFIN, MARION WILSON GS /TS 076
205 E. ACADEMY ST. A AC
ASHEBORO 27203 919 625-6188

GRIFFIN, RICHARD MADISON OPH 018
27 13TH AVENUE, N.E. A P AC
HICKORY 28601 704 322-6040

GRIFFIN, ROBERT ASHLEY P/N 011
APPALACHIAN HALL, BOX 5534 A AC
ASHEVILLE 28813 704 253-3681

GRIFFIN, THOMAS LAFAYETTE U 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-1300

GRIFFIN, THOMAS RAY FP 049
P. O. BOX 328 A AC
TROUTMAN 28166 704 528-4588

GRIFFIN, WILLIAM RAY, JR. P/N 011
30 HILLTOP ROAD A AC
ASHEVILLE 28803 704 253-3681

GRIFFIN, WILLIAM RUSSELL, JR. ORS 060
3535 RANDOLPH ROAD, STE. 103 A AC
CHARLOTTE 28211 704 365-2111

GRIFFITH, MARY IRENE GYN 034
515 S. HAWTHORNE RD. A L/RT
WINSTON-SALEM 27103 919 724-7321

GRIFFITHS, MARIAN FOLSOM 032
ROUTE #8, BOX 65 A R
CHAPEL HILL 27514 919 942-2945

GRIGG, CLAUD MCNEILL IM /CD 060
217 TRAVIS AVENUE A AC
CHARLOTTE 28204 704 372-3350

GRIGGS, BOYCE POWELL FP 055
334 W. SYCAMORE STREET AC
LINCOLNTON 28092 704 735-5151

GRIGGS, JAMES PHILIP, JR. 074
P. O. BOX 172 A S
WINTERVILLE 28590 919 756-9608

GRIGGS, THOMAS RUSSELL CD /IM 032
UNC, DEPT. OF MED. & PTH AC
CHAPEL HILL 27514 919 966-5207

GRIGSBY, HARDIN BLAND GYN 018
P. O. BOX 310 A AC
CONOVER 28613 704 328-8146

GRIM, KENNETH BOYD PTH /CLP 032
124 FIRST ST. NW A L/RT
LONG BEACH 28461 919 278-9424

GRIMES, JOHN HARLIN U 032
2609 N. DUKE ST., STE. 302 A AC
DURHAM 27704 919 471-8423

GRIMM, RUBY ANN ON /HEM 049
1708 DAVIE AVENUE A P AC
STATESVILLE 28677 704 873-2219

GRIMMETT, MATTHEW HILL R/PD 010
829 SHORELINE DRIVE, WEST AC
SUNSET BEACH 28459 919 579-2091

GRIMSON, BAIRD SANFORD OPH 032
UNC, 617 CLINICAL SCI. 229-H A * AC
CHAPEL HILL 27514 919 966-5296

GRIMSON, KEITH SANFORD GS 032
3313 DEVON ROAD A L/RT
DURHAM 27707 919 489-2241

GRINE, WILLIAM BARK U 098
1704 TARBORO STREET A AC
WILSON 27893 919 291-7001

GRISHAM, JOE WHEELER PTH /GE 032
UNC, DEPT. OF PTH 228-H A AC
CHAPEL HILL 27514 919 966-4678

GRISTINA, ANTHONY GEORGE ORS 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4340

GRIVAS, NICHOLAS ELLSWORTH NS 060
1928-312 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 377-9312

GROAT, RICHARD ARNOLD PTH 041
1321 N. ELM STREET AC
GREENSBORO 27401 919 274-9005

GROAT, ROBERT LANIER OPH 041
1317 N. ELM ST., STE. #4 AC
GREENSBORO 27401 919 378-1442

GROBEN, PAMELA ANNE PTH 001
327 GRAHAM-HOPEDALE RD. P AC
BURLINGTON 27215 919 228-1371

GROCE, JAMES GRAY P 092
DOROTHEA DIX HOSPITAL AC
RALEIGH 27611 919 733-5540

GRODE, HARVEY E. IM /ON 098
WILSON CLINIC A AC
WILSON 27893 919 291-7001

GRODE, MICHAEL JAMES PD 060
149 PROVIDENCE ROAD AC
CHARLOTTE 28207 704 372-6525

GROLNICK, CAROL ANN 074
2007-B E. 4TH ST. A S
GREENVILLE 27834 919 758-5227

GROMET, MATTHEW DR 060
3535 RANDOLPH ROAD AC
CHARLOTTE 28211 704 365-0343

GRONER, CHRISTOPHER WOLCOTT FP 086
815 N. BRIDGE ST. AC
ELKIN 28621 919 835-3425

GROOVER, CALTON DOUGLAS PTH 060
P. O. BOX 32861 AC
CHARLOTTE 28232 704 331-3227

GROSECLOSE, JAMES DAVID GP 076
124 COMMERCE SQUARE A AC
RANDLEMAN 27317 919 498-2505

GROSS, ANDREW HARRY 032
71 HOFSTRA DR. A S
PLAINVIEW, NY 11803

GROSS, JEFFREY LOUIS ORS 067
128 MEMORIAL DRIVE A P AC
JACKSONVILLE 28540 919 353-4500

GROSSHANDLER, STANLEY LOUIS AN 092
1108 DRESSER CT. AC
RALEIGH 27609 919 872-5330

GROSSMAN, HERMAN LEWIS PDR /PD 032
BOX 3834, DUMC AC
DURHAM 27710 919 681-2711

GROSSNICKLE, MARK EARL 032
12-H, 311 S. LASALLE ST. A S
DURHAM 27705 919 383-8156

GROVES, ROBERT BURWELL, JR. OBG 036
902 COX ROAD, SUITE F A AC
GASTONIA 28052 704 867-1549

GRUBB, STEPHEN ALLEN ORS 032
110 S. ESTES DR. A P AC
CHAPEL HILL 27514 919 929-7796

GRUBB, STEPHEN DALE FP 024
PIREWAY RD. A P AC
PO BOX 675
TABOR CITY 28463 919 653-2113

GRUBB, WALTER LEE, JR. DR 060
3535 RANDOLPH RD. STE. 102 A AC
CHARLOTTE 28211 704 365-0343

GRUHN, WILLIAM BRYANT IM /RHU 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

GUAJARDO, CESAR PYA /P 032
2726 CROASDAILE DR., STE. 206 AC
DURHAM 27705 919 383-6933

GUALTIERI, CAMILLO THOMAS CHP /PN 032
UNC, DEPT. OF PSYCHIATRY A AC
CHAPEL HILL 27514 919 966-5161

GUARINO, GUY JOSEPH PTH 018
ROUTE #2, BOX 197 A AC
CONOVER 28613 704 322-3821

GUERRA, MARC FRANCIS FP 014
912 CONNELLY SPRINGS RD. AC
LENOIR 28645 704 728-8224

GUEST, CHRIS WARREN IM /GP 041
102 POMONA DRIVE A AC
GREENSBORO 27407 919 299-0000

GUGELMANN, RICHARD JOHN PD /ADL 092
919 KILDAIRE FARM ROAD AC
CARY 27511 919 467-6666

GUILFORD, WILLIAM BONNER DR 032
UNC, DEPT. OF RADIOLOGY AC
CHAPEL HILL 27514 919 966-3084

GUITERAS, GEORGE PATRICK FP 032
110 S. ESTES DR., SUITE 205 AC
CHAPEL HILL 27514 919 967-8291

GULLEDGE, SIDNEY LOY, III OPH 092
3400 EXECUTIVE DR., STE. 101 A * AC
RALEIGH 27609 919 878-0220

GULYN, ANNA BAUHOFER GP 080
117 PINETREE ROAD P AC
SALISBURY 28144 704 636-2351

GULYN, BOHDAN EMANUEL P/GP 080
117 PINETREE ROAD A RT
SALISBURY 28144 704 633-7770

GUNN, CHARLES GROSHON, JR. OM /IM 034
SARA LEE CORPORATION A AC
WINSTON HEADQUARTERS,BOX 2760
WINSTON-SALEM 27102 919 744-3708

GUNNELLS, JAMES CAULIE NEP /IM 032
BOX 2991, DUMC A AC
DURHAM 27710 919 684-5038

GUNTER, JUNE U. PTH 032
1411 N. MANGUM STREET A L/RT
DURHAM 27701 919 688-3457

GUNTHER, ROBERT CLARENCE AN 011
25 LAWRENCE PLACE A AC
ASHEVILLE 28801 704 252-1016

GUPTA, GOOL KAPADIA PUD /IM 096
2704 MEDICAL OFFICE PLACE AC
GOLDSBORO 27530 919 736-4724

GUPTA, JAGMOHAN DASS CD /IM 096
2704 MEDICAL OFFICE PLACE AC
GOLDSBORO 27530 919 736-4724

GUSDON, JOHN PAUL, JR. OBG 034
3240 NOTTINGHAM ROAD AC
WINSTON-SALEM 27104 919 748-4039

GUSTKE, SUSAN SHAW IM /HEM 092
4100 STRANAVER PLACE * AC
RALEIGH 27612 919 733-5431

GUTAI, JAMES PAUL END /PD 074
ECU, DEPT. OF PEDIATRICS AC
GREENVILLE 27834 919 757-2514

GUTMAN, ROBERT ALLAN NEP /IM 032
2609 N. DUKE ST., STE. 304 AC
DURHAM 27704 919 477-3005

GUTTLER, SANFORD DENNIS FP 018
1 TRADE STREET A AC
GRANITE FALLS 28630 704 396-3136

GUY, CLIFFORD RICHARD CD /IM 034
250 CHARLOIS BOULEVARD A * AC
WINSTON-SALEM 27103 919 768-4730

GWYN, PAUL PERKINS, JR. PS /GS 034
2901 MAPLEWOOD AVENUE A P * AC
WINSTON-SALEM 27103 919 765-8620

GWYNN, THOMAS LEA GP 001
P. O. BOX 340 A AC
YANCEYVILLE 27379 919 694-6311

GWYNNE, JOHN THOMAS END 032
234 HUNTINGTON DRIVE AC
CHAPEL HILL 27514 919 966-3338

GYVES, JOHN WILLIAM IM /ON 074
ECU DEPT. OF MEDICINE A AC
BRODY BLDG. MOYE BLVD.
GREENVILLE 27834 919 757-2554

HA, KHIE SEM FP 078
229 S. MAIN STREET AC
RED SPRINGS 28377 919 843-4117

HAAK, EDWARD DECKER, JR. IM /CD 076
208 FOUST ST. A AC
P. O. BOX 2839
ASHEBORO 27203 919 625-4020

HAAKENSON, GARY ALVIN OBG 092
3005 ESSEX CIRCLE A P AC
RALEIGH 27608 919 782-3865

HAAR, FREDERICK BEHREND PD 074
610 S. OAK STREET A L
GREENVILLE 27834 919 752-2039

HAAS, ALI EKREM GS 032
6 BLUEBERRY HILL A R
PITTSBORO 27312 919 966-4131

HABEL, DAVID CHRISTOPHER 032
306 BRIAR BRIDGE VALLEY A S
CHAPEL HILL 27514 919 933-8109

HACKEL, DONALD BENJAMIN PTH 032
DUKE UNIV. MED. CTR. AC
DURHAM 27710 919 684-2586

HADDAD, MICHEL GEORGE 034
300 S. HAWTHORNE RD. BOX 487 A S
WINSTON-SALEM 27103 919 723-7442

HADLER, NORTIN MARVIN RHU /IM 032
UNC, DEPT. OF MEDICINE AC
CHAPEL HILL 27514 919 966-4191

HADLEY, ROBERT PURCELL PTH 007
P. O. BOX 1328 A AC
WASHINGTON 27889 919 946-9074

HAGA, EDWARD WAYNE 074
804 FORBES ST. A S
GREENVILLE 27834 919 752-5190

HAGAMAN, LEN DOUGHTON GP 095
310 DEERFIELD RD. AC
BOONE 28607 704 264-3923

HAINER, BARRY LEWIS FP 074
602 QUEEN ANNE'S ROAD A AC
GREENVILLE 27834 919 757-4164

HAINES, CARROLL FOGG, JR. OPH 079
515 THOMPSON ST., STE. A A P AC
EDEN 27288 919 627-5271

HAINES, RICHARD LITTLETON IM /GP 065
HIGHWAY 17, AC
P. O. BOX 565
HAMPSTEAD 28443 919 270-3561

HAIR, GLENN EDGAR OT /OTO 026
3314 MELROSE ROAD A P AC
FAYETTEVILLE 28304 919 323-1463

HAIRFIELD, THEODORE VINCENT GP 014
328 MULBERRY ST., SW AC
LENOIR 28645 704 754-3329

HAISTY, WESLEY KENNETH, JR. CD /IM 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-4673

HAITHCOCK, WILLIAM DANA, JR. OBG 026
1219 WALTER REED ROAD A AC
FAYETTEVILLE 28304 919 323-2103

HAIZLIP, THOMAS MATTHEWS CHP /P 092
5201 REMBERT DRIVE AC
RALEIGH 27612 919 733-5344

HAJISHEIKH, MOOSA CD /IM 077
P. O. BOX 1537 A AC
ROCKINGHAM 28379 919 997-3177

HALE, JOHN CHARLES GS /CDS 074
10 DOCTOR'S PARK A P AC
GREENVILLE 27834 919 758-1747

HALE, LAURA POPE 032
6512 CRAIG ROAD A S
DURHAM 27712 919 471-0865

HALE, LESLIE MORGAN OPH 032
110 CONNER DR. PROF. BLDG. A AC
CHAPEL HILL 27514 919 942-8701

HALE, ROBERT VERNON OPH 032
CONNER DR. PROF. BLDG. A AC
CHAPEL HILL 27514 919 942-8701

HALL, BAHNSON DAVID OBG 080
315 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 636-9270

HALL, BRENT DWAYNE 074
DOCTOR'S PARK APTS, #P-7 A S
GREENVILLE 27834 919 752-7222

HALL, BRUCE LEE 032
1911 ERWIN RD., APT. K A S
DURHAM 27705 919 684-6469

HALL, COLIN DAVID N 032
UNC, DEPT. OF NEUROLOGY A AC
CHAPEL HILL 27514 919 966-5522

HALL, DANIEL CRAWFORD FP 077
809 LONG DRIVE AC
ROCKINGHAM 28379 919 895-9075

HALL, DONALD GAMMON CD 060
1960 RANDOLPH ROAD AC
CHARLOTTE 28207 704 373-1503

HALL, JAMES BRYAN OBG /ON 060
CHARLOTTE MEMORIAL HOSPITAL A AC
P. O. BOX 32861
CHARLOTTE 28232 704 331-3149

HALL, JAMES GRAYSON FP 086
P. O. BOX 158 A P * AC
DOBSON 27017 919 386-8270

HALL, JAMES GRAYSON, JR. FP /IM 032
F-6 BERKSHIRE MANOR S
CARRBORO 27510 919 929-0983

HALL, JAMES SAMUEL PD 026
3415-C MELROSE ROAD A AC
FAYETTEVILLE 28304 919 484-8163

HALL, JOHN HOWLAND D 041
1100 OLIVE STREET A AC
GREENSBORO 27401 919 272-3152

HALL, JOHN HOWLAND, JR. 034
300 S. HAWTHORNE RD. BOX 122 A * S
WINSTON-SALEM 27103 919 724-4639

HALL, JOHN MOIR GP 086
357 IVY CIRCLE A L/RT
ELKIN 28621 919 835-4534

HALL, JOSEPH CULLEN OBG 080
305 STUART DRIVE A P L/RT
SALISBURY 28144 704 633-9508

HALL, KENNETH DALAND AN 032
BOX 3094, DUMC A AC
DURHAM 27710 919 684-3591

HALL, LOCKSLEY S. GS 086
L.C. HOOTS MEMORIAL HOSPITAL A AC
YADKINVILLE 27055 919 679-2041

HALL, ROBERT MCCUE PH /GPM 092
200 TRANSYLVANIA AVE. AC
RALEIGH 27609 919 781-5715

HALL, WARNER LEANDER, JR. OBG 092
P. O. BOX 18568 A AC
RALEIGH 27619 919 782-1273

HALL, WILLIAM ERNEST FP 053
611 WICKER STREET AC
SANFORD 27330 919 774-6023

HALL, WILLIAM JAMES, JR. OTO 025
P. O. BOX 2406 A AC
NEW BERN 28560 919 638-2666

HALPERIN, EDWARD CHARLES TR 032
BOX 3085, DUMC AC
DURHAM 27710 919 684-3196

HALPERN, EMILY ALYSSA 032
1102-A W. MAIN ST. A S
CARRBORO 27510 919 933-1033

HALVORSEN, ROBERT ALFRED, JR. DR 032
V.A. MEDICAL CTR.,-RADIOLOGY A AC
DURHAM 27705 919 286-0411

HAMBRIGHT, RUFUS ROBERTS OBG 041
1309 N. ELM STREET A AC
GREENSBORO 27401 919 273-2563

HAMBY, GEORGE WALTERS P 032
DOCTOR'S BUILDING, WILLOW DR. AC
CHAPEL HILL 27514 919 929-6155

HAMBY, JAMES LAWRENCE U 095
WATAUGA MEDICAL ARTS BLDG. A P * AC
BOONE 28607 704 264-5150

HAMER, ALFRED WILSON, JR. OBG 012
2203 S. STERLING ST., STE. 132 AC
MORGANTON 28655 704 437-6122

HAMER, EUGENE FLOYD GP 090
P. O. BOX 608 A P AC
MONROE 28110 704 283-1553

HAMER, RICHARD DALLAS D 060
1900 RANDOLPH RD., STE. 416 A AC
CHARLOTTE 28207 704 335-1761

HAMIL, SHARON SWEEDE FP 011
OLD U. S. HIGHWAY 70 A * AC
BLACK MOUNTAIN 28711 704 669-5478

HAMILTON, BUFORD LINDSAY, JR. FP /GP 049
P. O. BOX 8 A AC
STONY POINT 28678 704 585-2953

HAMILTON, FRANK HUTCHINSON, JR IM /A 060
3740 FREEDOM DRIVE A AC
CHARLOTTE 28208 704 399-3749

HAMILTON, GENE THOMAS ORS 074
6 MEDICAL PAVILION A P AC
GREENVILLE 27834 919 752-4613

HAMILTON, GEORGE EDWARD, JR. P 034
908 ARBOR ROAD AC
WINSTON-SALEM 27104 919 725-7777

HAMILTON, JAMES PRESSLY PDS 060
2104 RANDOLPH ROAD A P AC
CHARLOTTE 28207 704 377-3900

HAMILTON, MICHAEL AMIN IM 032
804 W. TRINITY A AC
DURHAM 27701 919 684-6331

HAMILTON, ROBERT WILLIAM NEP /IM 034
BOWMAN GRAY SCH. OF MED. A AC
WINSTON-SALEM 27103 919 748-4304

HAMILTON, WILLIAM GODFREY FP 011
ROUTE #6, BOX 230 AC
FAIRVIEW 28730 704 628-2993

HAMMER, DONALD EDWIN GS 060
2206 CUMBERLAND AVENUE A AC
CHARLOTTE 28203 704 375-3504

HAMMER, DOUGLAS IRA EM /GPM 092
P. O. BOX 30788 A P AC
RALEIGH 27622 919 848-4757

HAMMETT, ELLIOTT BRIAN P 032
V. A. HOSPITAL A P AC
DURHAM 27701 919 286-0411

HAMMETT, JAMES FRANK, JR. AN 044
103 SURREY ROAD A AC
WAYNESVILLE 28786 704 456-3112

HAMMOCK, RONALD MACK U 067
200 DOCTOR'S DR. SUITE C A P AC
JACKSONVILLE 28540 919 353-9994

HAMMOND, ALFRED FRANKLIN, JR. GP 025
1514 TRENT BOULEVARD A L/RT
NEW BERN 28560 919 637-6066

HAMMOND, CHARLES B. OBG /END 032
BOX 3853, DUMC AC
DURHAM 27710 919 684-3008

HAMMOND, WILLIAM HOWARD, JR. GP 036
224 S. NEW HOPE RD. A AC
GASTONIA 28054 704 867-3621

HAMMONDS, ROBERT EUGENE OTO /PS 013
113 COUNTRY CLUB DR. A AC
CONCORD 28025 704 788-2154

HAMPTON, JAMES HARRIS, JR. FP 034
P. O. BOX 325 A AC
LEWISVILLE 27023 919 945-5846

HAMRICK, ALGER VASON, III FP 092
1109 DRESSER COURT AC
RALEIGH 27609 919 872-4900

HAMRICK, JOHN CARL GS 023
P. O. BOX 668 A L
SHELBY 28150 704 487-5132

HAMRICK, JOHN CARL, JR. ORS 023
110 W. GROVER STREET A P AC
SHELBY 28150 704 487-1177

HAMRICK, LADD WATTS, JR. IM /NM 013
68 LAKE CONCORD ROAD, N.E. A P AC
CONCORD 28025 704 782-3135

HAN, GWANG SOO OBG 050
19 CENTRAL STREET A AC
SYLVA 28779 704 586-4096

HANCOCK, GEORGE MARVIN GS 014
401 MULBERRY ST. SW, STE. 101 A P AC
LENOIR 28645 704 758-5501

HANCOCK, MILLIE PITTS A/PD 018
221 - 13TH AVENUE PLACE, N.W. * AC
HICKORY 28601 704 322-1275

HANCOCK, RICHARD PAUL GS /TS 043
702 TILGHMAN DR. A AC
DUNN 28334 919 892-8120

HANCOCK, WILLIAM FRANKLIN, JR. PTH 001
1303 W. DAVIS ST. A P AC
BURLINGTON 27215 919 226-0196

HAND, LEROY CORBETT, JR. FP /EM 070
ROUTE #1, BOX 490 AC
CAMDEN 27921 919 335-0531

HANES, GIDEON ISAAC, JR. OBG 034
836 WELLINGTON ROAD A RT
WINSTON-SALEM 27106 919 723-8112

HANNA, LINDA J. GS 034
100 JEFFERSON SQUARE #6D A R
VISITATION PLAZA
WATERBURY, CT 06702

HANNA, RICHARD TINSLEY FP /HYP 060
6900 FARMINGDALE DRIVE A AC
CHARLOTTE 28212 704 536-1362

HANNAH, FRANK THOMAS OPH 023
313 S. WASHINGTON STREET A P * AC
SHELBY 28150 704 482-0696

HANRAHAN, LEO ROBERT, JR. PTH /BLB 074
ECU SCHOOL OF MEDICINE A P AC
DEPT. OF PATHOLOGY
GREENVILLE 27834 919 757-2806

HANSCOM, ALFRED CARLETON IM /FP 011
BURGE MOUNTAIN RD. A AC
RT. #5, BOX 89-B
HENDERSONVILLE 28739 704 693-7623

HANSEN, ALFRED ROY EM /FP 032
UNC, BURNETT-WOMACK 229H A AC
CHAPEL HILL 27514 919 966-5643

HANSON, JOHN STEPHEN GE /IM 060
5439 CAMILLA DRIVE AC
CHARLOTTE 28226 704 373-0700

HANSPAL, PRITHVI PAL SINGH U 076
171 MCARTHUR STREET AC
P. O. BOX 1509
ASHEBORO 27203 919 625-3997

HANZEL, SAM NS 001
327 GRAHAM-HOPEDALE RD. A P AC
BURLINGTON 27215 919 228-0156

HAPKE, EDITH JOSEPHINE PUD /IM 011
PARKWAY OFFICE BLDG., STE. 304A AC
ASHEVILLE 28801 704 254-8878

HARBACH, FRANCIS OLIVER U 043
1806 BRYN MAWR A RT
FAYETTEVILLE 28304 919 567-2970

HARBEN, DOUGLAS JAMES D/IM 060
3535 RANDOLPH RD., STE. 101-W A P AC
CHARLOTTE 28211 704 364-6110

HARBERTS, ARTHUR STANLEY OBG 049
P. O. BOX 1460 AC
STATESVILLE 28677 704 873-5344

HARBOLD, NORRIS BROWN, JR. CD /IM 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1503

HARBOURNE, KEVIN S. 034
2504 MILLER PARK CIRCLE A S
WINSTON-SALEM 27103 919 724-7390

HARDAKER, WILLIAM T., JR. ORS 032
BOX 3956, DUMC A AC
DURHAM 27710 919 684-5334

HARDAWAY, JOHN STEGER FP 049
527 BROOKDALE DR. AC
STATESVILLE 28677 704 872-7429

HARDEMAN, RICHARD AUSTIN FP 023
616 E. MARION STREET AC
SHELBY 28150 704 487-6338

HARDIE, GREGORY STEVEN 034
915 PANOLA ROAD A R
WINSTON-SALEM 27106 919 768-3532

HARDIN, JAMES BENFORD FP 078
206 W. 28TH STREET AC
LUMBERTON 28358 919 739-8164

HARDING, ROBERT WILLIAM IM 081
NORRIS-BIGGS CLINIC P AC
RUTHERFORDTON 28139

HARDISON, CYNTHIA STOLTZE IM 092
1212 CEDARHURST DR. AC
RALEIGH 27609 919 872-4850

HARDISON, JOE WILLIAM OBG /GE 026
1320 MEDICAL DRIVE A AC
FAYETTEVILLE 28304 919 323-3301

HARDISON, JOSEPH H., JR. IM /GE 092
1212 CEDARHURST DR. AC
RALEIGH 27609 919 872-4850

HARDISON, LEWIS BENJAMIN FP 026
P. O. BOX 64369 A P AC
FAYETTEVILLE 28306 919 323-0085

HARDISON, MITCHELL DALE IM 098
BRENTWOOD MEDICAL CENTER A AC
WILSON 27893 919 291-7001

HARDMAN, EDWARD FRANCIS GYN /OBS 060
1000 HUNTINGTON PARK DRIVE A L/RT
CHARLOTTE 28211 704 366-1962

HARDY, IRA MAY, II NS 074
125 MOYE BOULEVARD A P AC
GREENVILLE 27834 919 752-5156

HARDY, JAMES JOSEPH 032
DEPT. OF OB/GYN A R
N. C. MEMORIAL HOSPITAL
CHAPEL HILL 27514 919 942-7438

HARDY, JOHN GREGG N 074
425 STANTONSBURG ROAD A AC
GREENVILLE 27834 919 752-4848

HARDY, WINFIELD FP 011
P. O. BOX 696 AC
SKYLAND 28776 704 684-7801

HARE, RANSOM BRYANT, JR. U 065
841 HANOVER DR. A L/RT
GRIFFIN, GA 30223

HARE, ROY ALLEN IM 032
2609 N. DUKE STREET A AC
DURHAM 27704 919 471-8481

HARGRAVE, RONALD PAUL EM 032
208 GREAT NORTH ROAD A R
COLUMBIA, SC 29223 803 788-2558

HARKER, MARGARET NELSEN GP 016
P. O. DRAWER 897 A AC
MOREHEAD CITY 28557 919 247-3476

HARKINS, PAUL DUANE ORS /HS 041
1505 PEMBROKE ROAD A P AC
GREENSBORO 27408 919 275-0927

HARLAN, STEVEN DANE R 018
P. O. BOX 308 A AC
HICKORY 28603 704 322-2644

HARLEY, STEWART JACQUES ORS 044
114 HOSPITAL DRIVE AC
CLYDE 28721 704 452-2218

HARLEY, WILBUR JONES OM /GPM 000
241 FLINTSHIRE ROAD A AS
WINSTON-SALEM 27104 919 768-4469

HARMAN, JOHN SIMON U 001
1610 VAUGHN ROAD A AC
BURLINGTON 27215 919 227-2761

HARMEL, MEREL HILBER AN 032
BOX 3094, DUMC A AC
DURHAM 27710 919 684-2945

HARMON, DORALEA RYLE FP 056
P. O. BOX 1329 A AC
FRANKLIN 28734 704 524-5070

HARMON, PERRY MONROE OBG 026
1811 LAKESHORE DR. AC
FAYETTEVILLE 28305 919 484-3271

HARMON, RAYMOND HARRIS OPH 095
120 HIGHLAND AVENUE A L/RT
BOONE 28607 704 264-8669

HARNED, HERBERT SPENCER, JR. PDC 032
UNC SCHOOL OF MEDICINE AC
CHAPEL HILL 27514 919 966-4601

HARNED, ROBERT GLENN P 034
BOWMAN GRAY, BOX 358 A S
WINSTON-SALEM 27103 919 773-0127

HARPER, DAVID KEITH OPH 013
500 LAKE CONCORD RD., NE A AC
CONCORD 28025 704 782-1127

HARPER, JAMES ROBINSON IM /CD 032
891 W. WILLOW DRIVE AC
CHAPEL HILL 27514 919 942-5123

HARPER, LARRY OLEN IM /END 001
KERNODLE CLINIC, INC. A P AC
BURLINGTON 27215 919 227-3621

HARPER, MATT CLEVELAND, JR. GP 054
CHERRY HOSP., CALLER BOX 8000 AC
GOLDSBORO 27530 919 522-3162

HARPER, ROBERT NORMENT, JR. GE /IM 092
P. O. BOX 18700 * AC
1212 CEDARHURST DR.
RALEIGH 27609 919 872-4850

HARPER, ROBERT NORMENT, SR. P 092
3131 GLENWOOD PROF. VILLAGE A * AC
RALEIGH 27608 919 782-1555

HARPER, WAYNE LEE IM 035
107 TANBARK COURT A AC
LOUISBURG 27549 919 496-6511

HARR, CHARLES DULANEY GS 034
719 WESTVIEW DRIVE A R
WINSTON-SALEM 27103 919 748-2011

HARRELL, LONNIE CLAYTON, III OBG 060
150 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0461

HARRELL, SAMPSON EMANUEL FP 032
601 FAYETTEVILLE STREET AC
DURHAM 27707 919 688-5561

HARRELL, WADE WHITLEY OPH 040
319 WESTWOOD AVENUE A * AC
HIGH POINT 27262 919 883-7867

HARRELL, WARREN LAMAR, JR. R 023
1237 BROOKWOOD DRIVE A AC
SHELBY 28150 704 482-3880

HARRELL, WILLIAM FLETCHER, JR. PD 070
1142 N. ROAD ST. A AC
ELIZABETH CITY 27909 919 338-2155

HARRELSON, JOHN MILES ORS /PTH 032
BOX 3023, DUMC A * AC
DURHAM 27710 919 684-5304

HARRILL, HENRY CLAY U/BLB 041
100 ELMWOOD TERRACE A L/RT
GREENSBORO 27408 919 273-6294

HARRINGTON, LEE, JR. OM /IM 034
2340 OLIVET CHURCH ROAD A L/RT
WINSTON-SALEM 27106 919 924-4179

HARRIS, CARLTON MCKENZIE IM 041
1026 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 272-7108

HARRIS, CHARLES ODELL OBG 032
2609-B CARVER STREET AC
DURHAM 27705 919 471-1573

HARRIS, CHARLES THEODORE, JR. AN 060
401 FESBROOK COURT A AC
CHARLOTTE 28226 704 371-4049

HARRIS, CHARLES WALKER CD /IM 060
125 BALDWIN AVE. A AC
CHARLOTTE 28204 704 374-1696

HARRIS, ISAAC EMERON, JR. CRS 032
2836 CHAPEL HILL RD. APT. 17F A L/RT
DURHAM 27707 919 383-5531

HARRIS, JEFFREY DAVISON FP 018
HIGHWAY 127 NORTH A P AC
P. O. BOX 6050
HICKORY 28601 704 495-8226

HARRIS, JIMMIE LEE GP 034
270 FORSYTH MEDICAL PARK A AC
WINSTON-SALEM 27103 919 768-5260

HARRIS, LARRY COLEMAN PD 026
P. O. BOX 40405 A AC
FAYETTEVILLE 28309 919 323-4281

HARRIS, LAWRENCE STANLEY FOP /NA 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-4655

HARRIS, MICHAEL ALAN P 067
MOQ 2314 A AC
CAMP LEJEUNE 28542 919 451-2081

HARRIS, MILTON DEAN CD /IM 034
2810 MAPLEWOOD AVENUE A AC
WINSTON SALEM 27103 919 768-0437

HARRIS, ROBERT THOMAS IM /PYM 092
2800 BLUE RIDGE RD., STE. 503 AC
RALEIGH 27607 919 782-7500

HARRIS, SAMUEL RANCHOR OBG 029
7 MEDICAL PARK DRIVE A AC
LEXINGTON 27292 704 243-2431

HARRIS, THOMAS REGINALD PUD /IM 023
808 SCHENCK STREET A P * AC
SHELBY 28150 704 482-1482

HARRIS, TYNDALL PEACOCK IM 032
P. O. BOX 3118 A AC
CHAPEL HILL 27514 919 733-3222

HARRIS, WILLIAM RIX OPH 018
P. O. BOX 2588 A AC
HICKORY 28603 704 322-2050

HARRISON, FRANK N. HAMILTON,JR OBG 060
449 N. WENDOVER ROAD A AC
CHARLOTTE 28211 704 364-3760

HARRISON, LLOYD HERRITAGE U 034
300 S. HAWTHORNE RD. A * AC
WINSTON-SALEM 27103 919 748-4131

HARRISS, WILLIAM FRED R 040
P. O. BOX 5007 A P AC
HIGH POINT 27262 919 884-6037

HARSHAW, CHARLES WILLIAM, JR. CD /IM 041
P. O. BOX 20928 A AC
GREENSBORO 27420 919 275-8581

HARSHBARGER, JOHN LYNN RHU /A 065
1202 MEDICAL CENTER DR. A AC
WILMINGTON 28401 919 341-3350

HARSTON, PHILLIP REED OBG 060
2711 RANDOLPH RD. STE. 512 AC
CHARLOTTE 28207 704 333-4104

HART, ELZIE FRANKLIN, JR. OTO /PS 012
350 E. PARKER ROAD A AC
MORGANTON 28655 704 433-6410

HART, LOWELL L. HEM /IM 032
1012 PROLOGUE ROAD A R
DURHAM 27712 919 471-2858

HART, OLIVER JAMES, JR. U 034
1806 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 768-0735

HART, OLIVER JAMES, SR. U 034
1930 GEORGIA AVENUE A L/RT
WINSTON-SALEM 27104 919 722-6598

HART, ROBERT WILLIAM, III FP 018
221 13TH AVENUE PL., NW A P AC
HICKORY 28601 704 322-5800

HART, TIMOTHY BERTRAND IM /PUD 092
1212 CEDARHURST DRIVE AC
RALEIGH 27609

HARTLE, EDGAR OWEN EM 060
821 MT. VERNON AVE. A AC
CHARLOTTE 28203 704 334-8419

HARTMAN, EDWIN LONZO IM 051
515 N. EIGHTH STREET AC
SMITHFIELD 27577 919 934-1211

HARTMANN, THOMAS MICHAEL DR 011
180 PATTON MOUNTAIN RD. A * AC
ASHEVILLE 28804 704 254-4617

HARTNESS, ALBERT R. FP 034
P. O. BOX 427 A AC
MOCKSVILLE 27028 704 634-2108

HARTNESS, ALVIN HUNTER PD 026
514 OWEN DRIVE A * AC
FAYETTEVILLE 28304 919 323-4571

HARTNESS, JOHN FREDERICK, JR. IM /EM 090
1307 DOVE STREET AC
MONROE 28110 704 289-6474

HARTNESS, WILLIAM RUFUS, JR. FP 053
615 CARR STREET A L
SANFORD 27330 919 775-3491

HARTSELL, CHARLES JACOB, JR. AN 063
MOORE MEMORIAL HOSPITAL AC
PINEHURST 28374 919 295-6861

HARTZOG, HENRY GERARD, III GS 092
3814 BROWNING PLACE A P AC
RALEIGH 27609 919 781-0710

HARVEY, WALLACE WATSON, JR. GP /AM 000
2820 ARDWICK COURT A P AC
FAIRFAX, VA 22031 703 698-5681

HARVILL, PAUL GENE 032
BOX 2775, DUMC A S
DURHAM 27710 919 684-5671

HARVIN, ALLAN BRABHAM ORS 096
2701 MEDICAL OFFICE PLACE A AC
GOLDSBORO 27530 919 736-2157

HASERICK, JOHN ROGER DMP /D 063
P. O. BOX 669 A * AC
PINEHURST 28374 919 295-5567

HASHEMI, ZIAOLLAH 034
1439-L HUTTON ST. A S
WINSTON-SALEM 27103

HASKETT, JOSEPH RAY, JR. IM 021
CHOWAN MEDICAL CENTER A AC
EDENTON 27932 919 482-2116

HASSELL, CHARLES M., JR. PTH /DMP 041
1200 N. ELM STREET A * AC
GREENSBORO 27401 919 379-4074

HASSLER, ROBERT EMIEL OBG 010
DOCTORS COMPLEX, #4 A AC
SUPPLY 28462 919 754-9166

HATCHER, MARTIN ARMSTEAD N 041
1305 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 275-0779

HATCHER, PAUL ARTHUR U 000
BOX 2922, DEPT. OF UROLOGY R
DUKE MEDICAL CENTER
DURHAM 27710

HATCHER, WALTER BENJAMIN 074
1059 MILLER ST. A S
WINSTON-SALEM 27103

HATCHETT, JOHN FRANKLIN, JR. 032
UNC, 542 CRAIGE DORM. A S
CHAPEL HILL 27514 919 933-3491

HATJIS, CHRISTOS GEORGE OBG /NPM 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-4291

HATTAWAY, ALEXANDER C., III OTO /HNS 092
3010 ANDERSON DR. A AC
PO BOX 18946
RALEIGH 27619 919 787-7171

HATTEN, HOMER PAUL, JR. DR /NM 060
PRESBYTERIAN HOSP. DEPT. RAD A AC
P. O. BOX 33549
CHARLOTTE 28233 704 371-4057

HAUCH, THOMAS WRAY ON /HEM 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207

HAVEN, ANDREW EDDY OBG 092
3622 HAWORTH DR. A AC
PO BOX 18568
RALEIGH 27619 919 782-1273

HAVERKAMP, JOHN D 096
1706 EVERGREEN AVENUE A AC
GOLDSBORO 27530 919 734-0944

HAVOUNDJIAN, HRATCHIA 032
506 N. GREENSBORO ST., #43 A S
CARRBORO 27510 301 654-8309

HAWES, ANNE COLCLOUGH N 060
1900 BRUNSWICK AVENUE A AC
CHARLOTTE 28207 704 377-9323

HAWES, CHARLES FOREST GP 031
P. O. BOX 486 A L/RT
ROSE HILL 28458 919 289-2739

HAWES, G. AUBREY U 060
800 CHEROKEE ROAD, UNIT 932 A L/RT
CHARLOTTE 28207 704 372-3812

HAWES, MARY LINDA IM /NEP 032
3907 COLORADO AVE. A R
DURHAM 27707 919 493-2725

HAWES, SAMUEL PINCKNEY, III U 060
1333 ROMANY ROAD AC
CHARLOTTE 28204 704 372-5180

HAWES, STEPHEN JAMES, JR. ID /IM 060
5616 GLENKIRK ROAD A AC
CHARLOTTE 28210 704 372-3350

HAWK, ROBERT JOE OBG 088
1220 ASHEVILLE HIGHWAY A P AC
BREVARD 28712 704 883-8115

HAWK, RODNEY JAMES OTO 045
512 PARK HILL CT. A AC
PO BOX 1065
HENDERSONVILLE 28739 704 693-0706

HAWKINS, BARRY FUGH IM 013
56 ARDSLEY AVENUE, N.E. A AC
CONCORD 28025 704 782-1101

HAWKINS, GLEN EUGENE AN 053
1625 STONEGATE A AC
SANFORD 27330 919 499-4751

HAWKINS, HAL BURGESS FP 097
RT. 4, BOX 48 AC
WILKESBORO 28697 919 838-3491

HAWKINS, JAMES HUBERT, JR. FP 001
316 1/2 S. MAIN STREET AC
GRAHAM 27253 919 228-9759

HAWKINS, JAMES HUBERT, SR. GP 001
P. O. BOX 476 AC
GRAHAM 27253 919 227-7496

HAWKS, AL NELSON FP 040
312 N. ELM STREET AC
HIGH POINT 27260 919 889-6664

HAWORTH, CHESTER CARL, JR. N/IM 040
624 QUAKER LANE, SUITE 211-B A P AC
HIGH POINT 27262 919 889-1496

HAWTHORNE, HENRY CLAIBORNE, JR PD 065
1920 S. 16TH STREET AC
WILMINGTON 28401 919 763-2072

HAYE, HENRY SOLOMON OBG 067
PO BOX 1229 AC
JACKSONVILLE 28541 919 346-2182

HAYES, BENNETT ALLEN, JR. OBG 026
1219 WALTER REED ROAD A AC
FAYETTEVILLE 28304 919 323-2103

HAYES, DAVID ALLEN PUD /IM 092
1212 CEDARHURST DRIVE A AC
RALEIGH 27609 919 872-4850

HAYES, DONALD MICHAEL OM /IM 041
3330 W. FRIENDLY AVE. A AC
GREENSBORO 27410 919 379-4610

HAYES, HUGH HARRISON,JR. R 060
P. O. BOX 33549 A AC
CHARLOTTE 28233 704 371-4000

HAYES, JAMES WILLIAM ORS 001
KERNODLE CLINIC A AC
BURLINGTON 27215 919 227-3621

HAYES, JOHN CHANDLER 032
8 CEDAR TERRACE A R
CHAPEL HILL 27514 919 929-7743

HAYES, JOHN TERRENCE ORS 034
301 MILLER STREET, SUITE 201 A AC
WINSTON-SALEM 27103 919 723-2418

HAYES, RICHARD IVAN OBG 092
1100 DRESSER COURT AC
RALEIGH 27609 919 876-8225

HAYES, WILLIAM CLAYTON GP 097
P. O. BOX 540 A * AC
WILKESBORO 28697 919 667-6871

HAYES, WILLIAM CLAYTON, JR. PD 036
635-A COX ROAD AC
GASTONIA 28054 704 864-5437

HAYNES, CARL LEWIS, JR. FP 031
PO BOX 639 * AC
ROSE HILL 28458 919 289-3027

HAYNES, LAWRENCE BOWMAN AN 092
1205 KERSHAW DR. A P * AC
RALEIGH 27609 919 782-2009

HAYS, NATASHA THOMASOVNA PD 075
ROUTE #3, BOX 315 BB AC
FOREST CITY 28043 704 894-3303

HAYWARD, JAMES NEIL N 032
UNC,751 CLINICAL SCI. BLDG. A AC
CHAPEL HILL 27514 919 966-2526

HAYWOOD, HUBERT BENBURY, III ID /IM 092
1212 CEDARHURST DR. AC
PO BOX 18700
RALEIGH 27619 919 872-4850

HAYWOOD, HUBERT BENBURY,JR. OPH 092
2109 BANBURY ROAD A P AC
RALEIGH 27608 919 782-0236

HAZLEHURST, JOHN LIVINGSTON GS 011
16 MCDOWELL STREET A AC
ASHEVILLE 28801 704 252-3366

HEADLEY, ROBERT NELSON CD /IM 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4331

HEALY, PATRICK K. IM 034
100 RIDGEVIEW DRIVE AC
MOCKSVILLE 27028 704 634-6133

HEARON, BRIAN PAUL CD /IM 018
1985 TATE BOULEVARD, SE A AC
HICKORY 28601 704 324-4804

HEATH, HUNTER IM /AI 067
200 DOCTOR'S DRIVE, SUITE I A P AC
JACKSONVILLE 28540 919 353-6327

HEATH, KAREN SUE FP 000
3130-A TURTLE POINT DR. A R
FAYETTEVILLE 28304 919 485-2842

HEATH, STACEY MAURICE 074
202-A LINDBETH DR. A S
GREENVILLE 27834 919 355-2402

HEATON, FREDERICK CHRISTIAN OBG 092
3805 COMPUTER DR. A AC
RALEIGH 27609 919 781-6200

HEBERT, MARY ELIZABETH 032
311 S. LASALLE ST. APT. 8-I A S
DURHAM 27705 919 383-8780

HEBERT, STEPHEN WILLIAM P/N 034
190 CHARLOIS BLVD. A AC
WINSTON-SALEM 27104 919 768-6930

HEDGEPETH, JENNIFER CLARA 034
113 CHARTWELL RD. A S
COLUMBIA, SC 29210

HEDGPETH, EDWARD MCGOWAN IM 032
P. O. BOX 87 A L/RT
CHAPEL HILL 27514 919 933-8794

HEDGPETH, EDWARD MCGOWAN, JR. OPH 032
1110 W. MAIN STREET A AC
DURHAM 27701 919 682-9341

HEDGPETH, JOSEPH ROWLAND OBG 029
1302 LEXINGTON AVENUE A P AC
THOMASVILLE 27360 919 475-6139

HEDGPETH, WILLIAM CAREY GYN 078
P. O. BOX 1021 A L
LUMBERTON 28358 919 739-4923

HEDRICK, RICHARD ELI GS 034
1999 GEORGIA AVE. A L/RT
WINSTON-SALEM 27104 919 724-5454

HEDRICK, RICHARD ELI, JR. OBG 034
2900 MAPLEWOOD AVENUE A P AC
WINSTON-SALEM 27103 919 768-3632

HEFFINGTON, MARK WILLIAM FP 050
P. O. BOX 510 AC
CASHIERS 28717 704 743-2491

HEGDE, SADANADA BELINJE CD 078
4384 FAYETTEVILLE RD. A AC
LUMBERTON 28358 919 738-1141

HEGGEN, CHARLES NATHANIEL DR /NM 026
608 KNIGHTBRIDGE PLACE A AC
FAYETTEVILLE 28301 919 396-1925

HEINIG, CHARLES FREDERICK ORS /GS 060
1822 BRUNSWICK AVENUE A P AC
CHARLOTTE 28207 704 373-0544

HEINIG, MICHAEL FORREST ORS 000
831 CLEVELAND ST., APT. 223 A R
GREENVILLE, SC 29601 803 242-0673

HEIZER, MORTIMER DANTZLER FP 074
701 N. MAIN STREET AC
FARMVILLE 27828 919 753-3193

HEIZER, WILLIAM DAVID IM /GE 032
UNC, DEPT. OF MEDICINE AC
CHAPEL HILL 27514 919 966-2511

HELAK, JOSEPH WALTER CD /IM 065
410 R. L. HONEYCUTT A AC
WILMINGTON 28403 919 341-3400

HELLER, JOEL HARVEY FP 041
603 DOLLY MADISON AC
GREENSBORO 27410 919 294-6190

HELLER, KELLEY ANN 034
2250 SUNDERLAND RD. APT. 19B A S
WINSTON-SALEM 27103 919 760-0638

HELMS, JEFFERSON BIVENS, JR. IM /CD 034
1405 PLAZA DRIVE A AC
WINSTON-SALEM 27103 919 765-4131

HELSABECK, BELMONT AUGUSTUS OPH 034
631 COLISEUM DRIVE A L
WINSTON-SALEM 27106 919 723-1041

HELTON, WILLIAM CHARLES CDS /TS 092
4021 BARRETT DRIVE A AC
RALEIGH 27609 919 781-5335

HEMBREE, EUGENE EDWARD, JR. OBG 036
1225 E. GARRISON BLVD. A AC
GASTONIA 28054 704 865-7417

HEMINGWAY, GEORGE CAPERS,JR. IM /PD 033
101 CLINIC DRIVE A AC
TARBORO 27886 919 823-2105

HEMMERLEIN, ARTHUR HANS EM 092
1209 RAINWOOD LANE A AC
RALEIGH 27605 919 755-3100

HENDEL, ROBERT CHARLES GS 088
MEDICAL PARK DR., BLDG #1 A AC
BREVARD 28712 704 884-2198

HENDERSON-SMATHERS, IRMA C. PH 011
1295 MERRIMON AVENUE A L/RT
ASHEVILLE 28804 704 252-0216

HENDERSON, ANDREW MCKNITT, JR. GP 049
252 W. MCLELLAND AVENUE AC
MOORESVILLE 28115 704 664-5477

HENDERSON, ANITA FP 041
104 E. NORTHWOOD ST. AC
GREENSBORO 27401 919 275-6445

HENDERSON, DAVID YEARDLEY OBG 092
5014 CORONADO DR. A P AC
RALEIGH 27609 919 684-2484

HENDERSON, GEO. P., JR. HNS /OTO 063
PINEHURST SURGICAL CLINIC A AC
PINEHURST 28374 919 295-1612

HENDERSON, JOHN ARTHUR GS 011
117 RATHFARNHAM CIRCLE A P * AC
ASHEVILLE 28803 704 254-2341

HENDERSON, JOHN PERCY, JR. U 054
KINSTON CLINIC NORTH A AC
DOCTORS DRIVE
KINSTON 28501 919 527-3043

HENDERSON, REX ARTHUR EM 011
36 WEMBLEY ROAD A AC
ASHEVILLE 28804 704 255-3786

HENDERSON, RICHARD ROBERT D 001
1522 VAUGHN ROAD A P AC
BURLINGTON 27215 919 227-0496

HENDRICKS, ANDREW ADAM D 078
102 WEST 27TH STREET A AC
LUMBERTON 28358 919 738-7154

HENDRICKS, WILLIAM MONROE D/A 076
407 S. COX ST. A P * AC
ASHEBORO 27203 919 625-8410

HENDRICKSON, STEVEN CRAIG 032
BOX 2743, DUMC A S
DURHAM 27710 919 471-0258

HENDRIKS, HERBERT EDWARD, JR. PS 064
108 NASH MEDICAL ARTS MALL A * AC
ROCKY MOUNT 27801 919 443-8840

HENDRIX, JAMES PAISLEY IM 032
925 NEW GARDEN RD. ROOM 803 A L/RT
GREENSBORO 27410 919 489-3281

HENDRIX, JOHN DAVID D 074
1705 W. SIXTH STREET AC
GREENVILLE 27834 919 752-4124

HENG, MICHELLE MARIANNA 032
1315 MORREENE RD., #26-F A S
DURHAM 27705 919 383-3037

HENGEVELD, LOFTUS, JR. EM /AN 074
107 IRON WOOD DRIVE A RT
GREENVILLE 27834 919 756-2047

HENLEY, JOHN T., JR. OTO 026
3314 MELROSE RD., STE. 100 A P AC
FAYETTEVILLE 28304 919 323-1463

HENLEY, NANCY S. IM 032
3500 WESTGATE DR., STE. 705 AC
DURHAM 27707 919 493-8600

HENLEY, THOMAS FRANKLIN OBG 041
1309 N. ELM STREET A AC
GREENSBORO 27401 919 273-2563

HENNESSY, JOHN FRANCIS END /IM 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-2076

HENNING, EMIL HELLER, JR. GP /GER 050
P. O. BOX 126 A * AC
SYLVA 28779 704 586-4035

HENNINGER, JOSEPH BAYLOR IM 049
P. O. BOX 1808 AC
STATESVILLE 28677 704 873-7789

HENRICHS, CHARLES FP /EM 045
205 THOMPSON ST. A AC
HENDERSONVILLE 28739 704 693-9632

HENRICHS, W. DEAN D/DMP 034
250 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-6221

HENRICK, WILLIAM ROBERT AN 092
RALEIGH ANES. ASSOC. A P AC
P. O. BOX 18139
RALEIGH 27619 919 781-7420

†HENRY, HECTOR HIMEL FP 060
3008 CLOVERFIELD RD. A L
DECEASED -- 5-24-86
CHARLOTTE 28211 704 366-0421

HENRY, HECTOR HIMEL, II U/PD 013
102 LAKE CONCORD ROAD, N.E. P AC
CONCORD 28025 704 786-5133

HENRY, MARIANNA MATTHEWS PD /PUD 032
UNC, 635 BURNETT-WOMACK AC
CHAPEL HILL 27514 919 966-1001

HENRY, OZMER LUCAS, JR. IM 011
T B CONTROL UNIT A * AC
DIVISION OF HEALTH SERVICES
BLACK MOUNTAIN 28711 704 669-3117

HENSCHEN, GARY MAYES P/PYA 041
606 WALTER REED DR. A AC
GREENSBORO 27403 919 299-0108

HENSCHEN, HAL GS 026
2515 MORGANTON RD. A AC
FAYETTEVILLE 28303 919 485-8751

HENSEL, WILLIAM ARTHUR FP 041
1200 N. ELM ST. AC
GREENSBORO 27401 919 379-4035

HENSON, DONALD LENTZ, JR. 074
24 SCOTT ST. A S
GREENVILLE 27834 919 756-7639

HENSON, JOSEPH BASCOM, JR. IM 041
1107 W. FRIENDLY AVENUE AC
GREENSBORO 27401 919 274-1567

HENSON, KENNETH CLIFFORD, SR. OM 065
2623 N. COLLEGE RD. A AS
WILMINGTON 28405 919 791-7509

HEPLER, JOHN DAVIS OBG 078
403 WEST 27TH STREET A P AC
LUMBERTON 28358 919 739-2846

HERAVI, CYRUS GS 005
302 HOSPITAL ROAD A AC
SPARTA 28675 919 372-4343

HERBERT, PHILIP SIDNEY, JR. P 007
1308 HIGHLAND DRIVE * AC
WASHINGTON 27889 919 946-8061

HERBERT, WILLIAM NORMAN P. OBG /NPM 032
UNC, OB-GYN DEPARTMENT A AC
CHAPEL HILL 27514 919 966-1601

HERBST, CHARLES ARTHUR, JR GS /CRS 032
UNC,136 BURNETT-WOMACK A AC
229-H
CHAPEL HILL 27514 919 966-5231

HERION, JOHN CARROLL HEM /IM 032
N. C. MEMORIAL HOSPITAL * AC
CHAPEL HILL 27514 919 966-4555

HERLONG, JAMES RENE 032
1907 ERWIN RD., APT. G A S
DURHAM 27705

HERMAN, DENNICE HICKMAN 074
P. O. BOX 330 A S
WINTERVILLE 28590 919 756-7485

HERMAN, JAMES MARTIN FP 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-2246

HERNANDEZ, LUIS NICHOLAS AN 095
PO BOX 740717 A P AC
NEW ORLEANS, LA 70174

HERNDON, WILLIAM MAUNEY, JR. CD /IM 032
66 FERNWOOD LANE A R
CHAPEL HILL 27514 919 966-4131

HERRIN, ROBERT ALEXANDER MFS 060
3211 VALENCIA TERRACE AC
CHARLOTTE 28211 704 376-0216

HERRING, CHARLES LEONIDAS IM 054
310 GLENWOOD AVENUE A * AC
KINSTON 28501 919 523-0026

HERRING, JOHN HARVARD OBG 084
1000 N. FIFTH STREET A AC
ALBEMARLE 28001 704 982-8112

HERRING, RUFUS MCPHAIL, JR. PD 082
403 FAIRVIEW STREET P AC
CLINTON 28328 919 592-6011

HERRING, THEODORE TILGHMAN OM /GP 098
1704 S. TARBORO ST. L/RT
WILSON 27893

HERRING, WILLIAM ARTHUR, JR. ORS 095
30 DOCTOR'S PARK AC
BOONE 28607 704 264-1100

HERRING, WILLIAM BENJAMIN IM /HEM 041
1200 N. ELM ST. AC
GREENSBORO 27401 919 379-4062

HERRINGTON, ROBERT THOMAS PD /PDC 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-4601

HERSHATTER, BRUCE WARREN TR 032
BOX 3085, DUMC A R
DURHAM 27710 919 684-3742

HERSHEY, CHARLES DANA, JR. AN 060
2119 MALVERN ROAD A P * AC
CHARLOTTE 28207 704 332-6941

HERTLE, XAVER FRANZ P 041
106 E. NORTHWOOD STREET A AC
GREENSBORO 27401 919 275-1614

HERZENBERG, JOHN ERIC ORS /PD 032
2765 LOWELL RD. A R
ANN ARBOR, MI 48103

HERZOG, WILLIAM RAYMOND, JR. IM 032
4320 AMERICAN DR., APT. A A R
DURHAM 27705 919 383-8847

HESS, PHILIP JOSEPH CDS /TS 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1500

HESTER, DAVID ALAN END /IM 011
445 BILTMORE CENTER, STE. 302 * AC
ASHEVILLE 28801 704 253-6812

HEYER, ROBERT ALLAN PUD /IM 060
2711 RANDOLPH ROAD, SUITE 100 AC
CHARLOTTE 28207 704 373-0700

HEYMAN, ALBERT N/IM 032
BOX 3203, DUMC AC
DURHAM 27710 919 684-2682

HEYMANN, ROBERT CURTIS D 034
118 FORSYTH MEDICAL PARK * AC
WINSTON-SALEM 27103 919 765-1841

HIATT, JOHN DONALD, JR. DR 034
1304 FENIMORE STREET A R
WINSTON-SALEM 27103 919 725-6584

HIATT, JOSEPH SPURGEON, JR. IM /PUD 063
P. O. BOX 519 A L
PINEHURST 28374 919 295-5511

HIATT, PAUL KEVIN 034
324 GRANDVIEW DR. A S
WINSTON-SALEM 27104 919 725-6872

HICKEY, DOCIA ELIZABETH NPM /PD 060
CHARLOTTE MEM. HOSP. A AC
PO BOX 32861
CHARLOTTE 28232 704 331-3156

HICKLING, WILLIAM HENRY CHN /N 041
1305 W. WENDOVER AVE. A AC
GREENSBORO 27408 919 275-0779

HICKMAN, HARRY STUART PD 014
623 MAIN STREET, S.E. A L
HUDSON 28638 704 728-8484

HICKS, CHARLES HENRY CD 092
3400 EXECUTIVE DR. A P AC
RALEIGH 27609 919 872-8920

HICKS, CHARLES MONTGOMERY PD 065
1914 GLEN MEADE ROAD AC
WILMINGTON 28403 919 762-2651

HICKS, J. ROBINSON ORS 060
1350 KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

HIDALGO, HECTOR JESUS DR 032
2609 N. DUKE ST. A AC
DURHAM 27704 919 471-8411

HIESTAND, FITZ GERALD, JR. GE /IM 060
1350 S. KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8250

HIGGINS, LLOYD MALCOLM PTH 040
221 HILLCREST DRIVE AC
HIGH POINT 27262 919 883-7047

HIGGINS, ROBERT VICTOR OBG 060
732 SHAWNEE DRIVE A R
CHARLOTTE 28209 704 527-1137

HIGH, LARRY ALLISON FP 064
310 E. ELM STREET AC
NASHVILLE 27856 919 459-2811

HIGH, LARRY ALLISON, JR. OBG 064
132 FOY DRIVE AC
ROCKY MOUNT 27801 919 443-6622

HIGHSMITH, CHARLES GS /ORS 062
P. O. BOX D A AC
TROY 27371 919 576-5511

HIGHSMITH, GEORGE PERRY IM 029
309 PINEYWOOD ROAD A AC
THOMASVILLE 27360 919 475-8121

HIGHSMITH, WILLIAM COCHRAN IM 026
410 DRUMHELLER ROAD A L/RT
CLEMMONS 27012 919 766-9905

HIGHTOWER, FELDA GS /TS 034
2445 REYNOLDS DRIVE A L/RT
WINSTON-SALEM 27104 919 727-1661

HILL, ARTHUR THEODORE, JR. IM 011
147 ASHLAND AVENUE A AC
ASHEVILLE 28801 704 258-1188

HILL, EDWARD FELDIN FP 007
501 W. 15TH ST. P AC
WASHINGTON 27889 919 975-2667

HILL, EDWARD GRAY, JR. N/EM 034
498 SALT ST. A R
WINSTON-SALEM 27101 919 748-2011

HILL, HAYWOOD NORTHROP, JR. IM 011
445-BILTMORE CTR., STE. 407 A AC
ASHEVILLE 28801 704 258-0397

HILL, JAMES CARVER FP 092
1316 YUBINARANDA CIRCLE A P R
CARY 27511 919 469-9635

HILL, PAUL EDWARD IM /FP 045
559 N. JUSTICE STREET A AC
HENDERSONVILLE 28739 704 692-0587

HILL, STEPHEN THOMAS OBG 044
1600 N. MAIN STREET AC
WAYNESVILLE 28786 704 456-7369

HILL, WILLIAM HENRY GP 084
501 HILL BUILDING AC
ALBEMARLE 28001 704 982-5812

HILLER, CARL JULIEN ORS 025
P. O. DRAWER 1694 A * AC
NEW BERN 28560 919 633-3256

HILLERY, CHERYL ANN 032
1418 VALLEY RUN A R
DURHAM 27707 919 489-1601

HILTON, SUZANNE ELIZABETH 074
APT. 41-A, ARLINGTON SQUARE A S
GREENVILLE 27834 919 756-0677

HILZ, MARK DAVID EM 010
BRUNSWICK HOSPITAL A AC
P. O. BOX 139
SUPPLY 28462

HINDSLEY, J. PACK, JR. U 007
604 E. 12TH STREET A AC
WASHINGTON 27889 919 946-0136

HINES, EDWARD LLOYD ORS /HS 001
723 EDITH STREET AC
BURLINGTON 27215 919 227-4256

HINES, MICHAEL HERBERT 034
2411 JEFFERSON AVENUE A S
WINSTON-SALEM 27103 919 777-0226

HINMAN, ALANSON PD 034
792 ROSLYN RD. AC
WINSTON-SALEM 27104 919 723-0458

HINMAN, HAVILAH EDWARD OBG 011
P. O. BOX 820 A L
SKYLAND 28776 704 684-6243

HINSHAW, HOWARD THOMAS END /IM 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

HINSON, TONY RAY 074
COUNTRY MANOR APTS. #3 A S
GREENVILLE 27834 919 758-5643

HIPP, EDWARD REGINALD, JR. GS /TS 060
1350 S. KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

HIPP, LARRY LEE OM 041
917 FAIRGREEN RD. A P AC
GREENSBORO 27410 919 855-0271

HISLEY, JOHN CHARLES OBG /NPM 060
917 BERKELEY AVENUE A AC
CHARLOTTE 28203 704 331-3149

HIX, MARK TIMOTHY IM 033
101 CLINIC DR. AC
TARBORO 27886 919 823-2105

HOBART, SETH GUILFORD, JR. HNS /MFS 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

HOBSON, JACK BROWN IM /HEM 060
125 BALDWIN AVE. A AC
CHARLOTTE 28204 704 374-1696

HODGES, HORACE HAYDEN IM /GE 060
ROUTE #1, BOX 102-L A L/RT
PINEVILLE 28134 704 338-6300

HODGES, JAMES ROBINSON FP 018
210 13TH AVENUE PLACE, N.W. P AC
HICKORY 28601 704 328-2941

HODGES, JAMES THOMAS ORS 001
GRAHAM-HOPEDALE ROAD A AC
BURLINGTON 27215 919 227-3621

HODGES, JOSEPH AL, JR. 074
1108 E. 10TH ST., APT. 3-H A S
GREENVILLE 27834 919 758-7626

HOEHNER, JEFF CARL 032
1914 WALLACE STREET A S
DURHAM 27707 919 489-5909

HOEKSTRA, JOHN ARTHUR IM /AI 078
395 W. 27TH STREET A AC
LUMBERTON 28358 919 739-7551

HOELSCHER, KENNETH KING PM 011
PO BOX 15025 A AC
ASHEVILLE 28813 704 274-2400

HOEPPNER, DAVID LAWRENCE EM 065
3710 SHIPYARD AC
WILMINGTON 28403 919 791-0075

HOFFMAN, BYRON JAY, JR. IM 019
421 N. HOLLY STREET A * AC
SILER CITY 27344 919 663-3360

HOFFMAN, CARL MAURICE OBG 040
307 N. LINDSAY STREET A AC
HIGH POINT 27262 919 885-0149

HOFFMAN, CARL WHITE R 078
BARKER--TEN MILE RD. A P AC
PO BOX 1527
LUMBERTON 28358 919 739-9788

HOFFMAN, CHARLES ANTHONY, JR. U 026
513 OWEN DRIVE A * AC
FAYETTEVILLE 28304 919 485-8801

HOFFMAN, EDNA TERESA MAURA OBG 026
348 VALLEY ROAD P AC
FAYETTEVILLE 28305 919 485-4755

HOFFMAN, JEFFREY DALE 032
ROUTE #1, BOX 90-A A S
EFLAND 27243 919 933-7217

HOFFMAN, KRISTINA MARIE 032
BOX 2867, DUMC A S
DURHAM 27710 919 383-9290

HOFFMAN, MARY JACQUELINE 034
537 S. HAWTHORNE RD. #12 A S
WINSTON-SALEM 27103 919 761-8294

HOFFMAN, RUTH STERLING IM 032
UNC STUDENT HEALTH SERVICE AC
CHAPEL HILL 27514 919 966-2281

HOFFMAN, THEODORE FREDERICK,JR AN 032
ROUTE #4, BOX 286 AC
HILLSBOROUGH 27278 919 470-6180

HOGGARD, WILLIAM ALDEN, JR. FP /GYN 070
PO BOX 726 A AC
110 S. POOL ST.
ELIZABETH CITY 27909 919 335-0867

HOGSHEAD, RALPH, JR. FP 012
P. O. DRAWER 690 A P * AC
MORGANTON 28655 704 437-8121

HOKE, HAROLD REID GYN 060
4401 COLWICK RD., STE. 200 AC
CHARLOTTE 28211 704 364-3714

HOLBROOK, CARTER TATE, III PHO /PD 074
ECU, DEPT. OF PEDIATRICS A AC
GREENVILLE 27834 919 757-4676

HOLBROOK, JOSEPH SAM IM /CD 049
211 N. RACE STREET A * L
STATESVILLE 28677 704 872-1000

HOLBROOK, ROBERT H. PH /FP 024
RT. 1, BOX 124 A R
LAKE WACCAMAW 28450 919 646-4732

HOLBROOK, WILLIAM DOUGLAS P 060
34 LUVAN WAY A L/RT
DEBORDIEU COLONY
GEORGETOWN, SC 29440

HOLDERNESS, HOWARD, JR. PS /GS 041
200 E. NORTHWOOD ST., STE. 400 A P * AC
GREENSBORO 27401 919 275-0919

HOLLADAY, GLENN CLYDE PD 060
2711 RANDOLPH RD., STE. 301 A AC
CHARLOTTE 28207 704 364-0740

HOLLAND, GEORGE THOMAS 032
1511 ROBINHOOD ROAD A S
DURHAM 27701 919 682-8733

HOLLAND, JAMES EUGENE OPH 074
2573 STANTONSBURG ROAD A P AC
GREENVILLE 27834 919 752-0313

HOLLAND, MICHAEL DAY IM /NEP 064
529 AVONDALE AVE. A P * AC
ROCKY MOUNT 27801 919 443-9084

HOLLAND, WALTER BOWLIN OPH 049
IREDELL EYE CLINIC P AC
P. O. BOX 1144
STATESVILLE 28677 704 872-4108

HOLLANDER, EDWARD MARSHALL OPH 041
522 N. ELAM AVE. A P AC
GREENSBORO 27403 919 854-0393

HOLLEMAN, IVAN LACY, JR. PTH 034
BOWMAN GRAY, DEPT. OF PATH. A AC
WINSTON-SALEM 27103 919 748-4311

HOLLEMAN, JEREMIAH HENRY, JR. GS /VS 060
1350 S. KINGS DR. A AC
CHARLOTTE 28207 704 372-8750

HOLLENBECK, JOHN IVOR GS 060
3535 RANDOLPH RD., #201-W A AC
CHARLOTTE 28211 704 364-8100

HOLLINGSWORTH, WALTER C. OBG 060
1928 RANDOLPH ROAD AC
CHARLOTTE 28207 704 376-1612

HOLLISTER, WILLIAM GRAY P/GPM 032
2008 N. LAKESHORE DRIVE A AC
CHAPEL HILL 27514 919 966-5277

HOLLOWELL, VICTOR BOYCE GS 060
1012 KINGS DRIVE AC
CHARLOTTE 28283 704 375-8281

HOLMES, GEORGE WASHINGTON ORS 034
2741 PILGRIM COURT A * L/RT
WINSTON-SALEM 27106 919 722-6939

HOLMES, ROBERT PEEL, III IM 025
709 PROFESSIONAL DRIVE A AC
NEW BERN 28560 919 633-5333

HOLSCHER, EDWARD CHARLES CHP /P 060
1900 RANDOLPH ROAD, SUITE 918 AC
CHARLOTTE 28207 704 333-7724

HOLSCHNEIDER, DANIEL PHILIPP 032
875 AIRPORT RD. #16 A S
CHAPEL HILL 27514 919 942-9488

HOLT, CHARLES RICHARD EM /GS 080
17 CAMELOT RD., KINGS FOREST AC
SALISBURY 28144 704 637-7504

HOLT, JAMES BEATTY FP 019
ROUTE #5, BOX 40 A AC
PITTSBORO 27312 919 542-3251

HOLT, JOHN PLUMMER FP 011
86 VICTORIA ROAD A AC
ASHEVILLE 28801 704 255-8494

HOLT, THOMAS OPH /OTO 091
209 FAIRVIEW STREET A L
WARRENTON 27589 919 257-3746

HOLT, WILLIAM REUBEN, JR. CD /IM 065
1515 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 763-5182

HOLT, WINDSOR AUSTIN OBG 092
1100 DRESSER COURT AC
RALEIGH 27609 919 876-8225

HOLTER, JOHN FREDERICK IM /PUD 074
HIGHWAY 64 WEST A AC
P. O. BOX 310
BETHEL 27812 919 757-4653

HOLTHUSEN, GREGORY GRANT ORS 034
1425 PLAZA DRIVE A * AC
WINSTON-SALEM 27103 919 768-1270

HOLTON, WALTER LEGGETT FP 070
NORTH MAIN HIGHWAY A AC
PO BOX 1045
MANTEO 27954 919 473-3478

HOLYK, PETER ROMAN OPH 025
1425 RACE TRACK RD. A AC
NEW BERN 28560 919 638-1332

HOMER, STEPHEN HUBERT ORS 034
3111 MAPLEWOOD AVE., STE. 104 A AC
WINSTON-SALEM 27103 919 768-4110

HOMESLEY, HOWARD DAVID GYN /ON 034
DEPT. OF OBG, BOWMAN GRAY A AC
WINSTON-SALEM 27103 919 748-4022

HONEYCUTT, DANNY MORRIS FP 060
10724 PARK ROAD A AC
CHARLOTTE 28210 704 542-6577

HONEYCUTT, LATTIE FULLER DR 092
P. O. BOX 17947 A AC
RALEIGH 27619 919 872-4800

HONG, JAE HONG FP 060
P. O. BOX 69 AC
WAXHAW 28173 704 843-3916

HOOD, CHRISTOPHER KENNEDY OBG 060
1712 E. FOURTH STREET AC
CHARLOTTE 28204 704 375-9074

HOOD, RICHARD THORNTON, JR. AI 054
1306 N. HERITAGE STREET AC
KINSTON 28501 919 523-5461

HOOKER, MICHAEL PHILLIP AN 011
RT. #5, BOX 771 A AC
ASHEVILLE 28803 704 254-1969

HOOKS, RICHARD EUGENE GP 078
123 N. SECOND STREET A P AC
ST. PAULS 28384 919 865-5114

HOOLE, AXALLA JOHN IM 032
UNC, BOX #2, BLDG. 226-H AC
CHAPEL HILL 27514 919 966-2276

HOOPER, JOSEPH WARD, JR. U 065
1905 GLEN MEADE ROAD A AC
WILMINGTON 28403 919 763-6251

HOOPER, ROBERT LESLIE R 050
C. J. HARRIS HOSPITAL, INC. A AC
SYLVA 28779 704 586-7000

HOOPER, THOMAS EUGENE IM 098
INTERNAL MEDICINE ASSOCIATES A AC
P. O. BOX 3188
WILSON 27893 919 243-5505

HOOTEN, JAMES PHILMON, JR. 032
875 AIRPORT RD.,SALEM CT. #18 A S
CHAPEL HILL 27514 919 967-3439

HOOTS, ELEANOR CARSWELL 034
221 LOCKLAND AVE. A S
WINSTON-SALEM 27103 919 722-1325

HOPE, HAROLD PAGAN, JR. GS 060
2300 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 376-0327

HOPKINS, LAWRENCE DAVID OBG 034
5105 RIVER CHASE RIDGE AC
WINSTON-SALEM 27104 919 722-9590

HOPKINS, MARBRY BENJAMIN, III PTH 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-2624

HOPKINS, RICHARD GLENN GP 045
P.O. BOX 775, WALKER ST. A AC
COLUMBUS 28722 704 894-8266

HOPPER, WILLIAM FALCON PUD /IM 041
1409 PEMBROKE RD. STE. 200 AC
GREENSBORO 27408 919 378-1073

HORNBAKE, EARL RODNEY, III IM 025
1700 ST. DELIGHT CHURCH RD. A P * AC
NEW BERN 28560 919 633-0363

HORNE, STEPHEN FRANCIS D 064
120 S. PEARL STREET A AC
ROCKY MOUNT 27804 919 446-4922

HORNER, DONALD STANLEY OBG /PD 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

HORNER, JACK CHENOWTH GS 061
37 PACES WEST PLACE A L/RT
ATLANTA, GA 30327 404 237-4651

HORNSTEIN, NORMAN MARK FP 010
P. O. BOX 10968 A L
SOUTHPORT 28461 919 457-6744

HORSLEY, WILLIAM NOLEN FP 036
28 E. WOODROW AVENUE A AC
BELMONT 28012 704 825-5376

HORTON, ROBERT MARSHALL FP 092
3039 ESSEX CIRCLE, BLDG. A AC
RALEIGH 27608 919 782-2333

HOSEA, ROBERT HAYWOOD OTO /HNS 054
KINSTON CLINIC, SUITE K AC
KINSTON 28501 919 523-0687

HOSKINS, JOHN ROBINSON, III AN 011
7 AMHERST RD. A L/RT
ASHEVILLE 28803 704 274-5049

HOSTETLER, HERBERT JAMES AN 063
52 RED FOX RUN AC
PINEHURST 28374 919 295-2688

HOUGH, WILLIAM AMOS, III IM 034
410 AVALON ROAD A AC
WINSTON-SALEM 27104 919 768-4730

HOUSE, RICHARD JAMES OTO 096
P. O. BOX 291 A AC
SEVEN SPRINGS 28578 919 735-9146

HOUSER, FOREST MELVILLE GP 036
410 S. ELM STREET A L/RT
CHERRYVILLE 28021 704 435-6803

HOUSTON, FRANK MATT D 041
1030 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 373-1383

HOWARD, CORBETT ETHERIDGE TR /D 096
2700 MEDICAL OFFICE PLACE A L
GOLDSBORO 27530 919 734-1866

HOWARD, GEORGE ALBERT, III DR 074
4554 RHODE ISLAND DR., APT. #4 A R
YOUNGSTOWN, OH 44515 216 792-8965

HOWARD, JAMES FRANCIS, JR. N 032
UNC,751 CLINICAL SCI. 229-H A AC
CHAPEL HILL 27514 919 966-5522

HOWARD, JOSEPH COOPER, JR. GS 082
HOSPITAL PROFESSIONAL BLDG. A AC
CLINTON 28328 919 592-2167

HOWARD, KEVIN PRICE FP 079
518 S. VAN BUREN RD., STE. #8 A AC
EDEN 27288 919 623-5171

HOWARD, PAUL OSMON FP 053
555 CARTHAGE STREET A P AC
SANFORD 27330 919 774-6518

HOWE, DONALD DOUGLAS OBG 036
1225 E. GARRISON BLVD. AC
GASTONIA 28054 704 865-7416

HOWE, HAROLD RAGAN, JR. CDS 034
811 MUSEUM DR. A R
CHARLOTTE 28207 919 761-1699

HOWELL, CHARLES MAITLAND, JR. D 034
340 PERSHING AVENUE A * L
WINSTON-SALEM 27103 919 725-8422

HOWELL, EDGAR VASTON, JR. ORS 077
400 E. WASHINGTON ST. A P AC
PO BOX 1148
ROCKINGHAM 28379 919 997-4570

HOWELL, FREDERICK LAWRENCE U 034
2932 LYNDHURST AVENUE A AC
WINSTON-SALEM 27103 919 765-4021

HOWELL, HARRY SLADE, JR. GS /CDS 040
624 QUAKER LANE, SUITE 116-B A AC
HIGH POINT 27262 919 886-4552

HOWELL, JULIUS PS /OTO 034
1900 S. HAWTHORNE RD. STE. 480 A * L
WINSTON-SALEM 27103 919 760-1727

HOWELL, NELSON NEIL OTO /HNS 060
3535 RANDOLPH ROAD A * AC
CHARLOTTE 28211 704 365-0711

HOWERTON, PHILIP THOMAS R 012
2203 S. STERLING ST., STE.176 A P AC
MORGANTON 28655 704 438-2250

HOWIE, JOHN SANDALL PYA /P 092
3129 ESSEX CIRCLE A AC
RALEIGH 27608 919 782-0616

HOWILER, WILLIAM EDWARD, JR. GE 026
1778 METROMEDICAL DRIVE A P AC
FAYETTEVILLE 28304 919 323-5203

HOYLE, DAVID EMORY 034
5331 YARDLEY TERRACE A S
DURHAM 27707 919 493-9279

HOYLE, ROBERT MARK 032
ROUTE #4, BOX 69A A S
RUTHERFORDTON 28139 704 286-3335

HSU, NORA HUANG OBG 010
ROUTE #1, BOX 8-B A AC
SUPPLY 28462 919 754-8113

HUBBARD, FREDERICK CECIL GS /GP 097
P. O. BOX 39 A L
NORTH WILKESBORO 28659 919 838-5662

HUBBARD, HAMPTON U 082
WOODSIDE PROFESSIONAL BLDG. A * AC
CLINTON 28328 919 592-7129

HUBBARD, ROBERT THOMAS FP 011
126 LAKE SHORE DRIVE A RT
ASHEVILLE 28804 704 252-5103

HUBBARD, STEPHEN ADRIAN 034
2930 CLUB PARK ROAD A S
WINSTON-SALEM 27104 919 760-1226

HUCKS-FOLLISS, ANTHONY GEORGE NS 063
P. O. BOX 2000 A AC
PINEHURST 28374 919 295-1843

HUDSON, EDWARD VALENTINE OTO 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

HUDSON, MILES HILDEBRAND FP 012
309 BOUCHARD AVENUE, N.E. AC
VALDESE 28690 704 874-0736

HUDSON, RICHARD PAGE, JR. FOP /PTH 032
CHIEF MED. EXAM. OFFICE A AC
CHAPEL HILL 27514 919 966-2253

HUDSON, RICHARD WOODARD FP 025
PO BOX 729 A P * AC
BAYBORO 28515 919 745-3191

HUDSON, SARAH TILTON WILLCOX PD 067
12 OFFICE PARK DR. A AC
JACKSONVILLE 28540 919 353-6262

HUDSON, WILLIAM RUCKER OTO 032
DUKE UNIV. MED. CTR. A P AC
DURHAM 27710 919 684-3834

HUDSPETH, ALLEN SHERRILL CDS /TS 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4359

HUDSPETH, DUDLEY ALLEN 032
TAR HEEL MANOR APTS. #L-6 A S
CARRBORO 27510 919 942-2083

HUEY, THOMAS WALKER, JR. GYN 060
1012 KINGS DRIVE A P AC
CHARLOTTE 28283 704 375-4216

HUFF, OLSON PD 011
5 FREDERICK STREET * AC
ASHEVILLE 28801 704 258-6091

HUFFINES, WILLIAM DAVIS PTH /GP 032
UNC, 314 BERRYHILL HALL 219-H A AC
CHAPEL HILL 27514 919 966-1134

HUFFMAN, ALLEN WILLIAM, JR. OBG 018
1205 N. CENTER STREET A AC
HICKORY 28601 704 328-2901

HUFFMAN, JOHN MITCHEL, JR. 034
300 S. HAWTHORNE ROAD S
WINSTON-SALEM 27103 919 722-9378

HUFFMAN, ROBERT EDWARD P 011
146 VICTORIA ROAD A * AC
ASHEVILLE 28801 704 253-3695

HUFFSTUTTER, WILLIAM MAURICE CHN /N 011
50 DOCTOR'S DR. STE. 210 AC
ASHEVILLE 28801 704 252-8983

HUGGINS, HENRY LAWSON, JR. EM 074
38-E ARLINGTON SQUARE A R
GREENVILLE 27834 919 355-2160

HUGHES, CARLISLE BEE, JR. GS 086
RT. 2, BOX 567 A AC
YADKINVILLE 27055 919 679-2041

HUGHES, GEORGE SAMUEL, JR. IM /PA 000
1924 WESTMINSTER AVE. A R
CHARLESTON, SC 29407 803 571-7723

HUGHES, JACK U 032
923 BROAD STREET A P * AC
DURHAM 27705 919 286-1297

HUGHES, JAMES LEWIS PD 074
PITT CO. MEM. HOSP. 228-2W A AC
GREENVILLE 27834 919 355-2460

HUGHES, JOE DON OBG 081
P. O. BOX 1208 A AC
RUTHERFORDTON 28139 704 287-7383

HUGHES, LYNN ALLEN OTO 013
11 ARDSLEY AVENUE, N. E. A P AC
CONCORD 28025 704 788-1103

HUGHES, RONALD EUGENE FP /OM 033
101 CLINIC DR. A AC
TARBORO 27886 919 437-2171

HUGHES, THOMAS PATRICK GE 034
1901 S. HAWTHORNE RD. #310 A AC
WINSTON-SALEM 27103 919 725-8326

HULKA, JAROSLAV FABIAN OBG /OBS 032
UNC, DEPT. OF OB-GYN AC
CHAPEL HILL 27514 919 966-5287

HULL, KEITH LOWELL, JR. N/IM 092
3801 COMPUTER DR., STE. 202 A P AC
RALEIGH 27609 919 782-3456

HUMPHREY, JOHN EDWARD, JR. P 060
2040 RANDOLPH RD. AC
CHARLOTTE 28207 704 334-0875

HUMPHREYS, ERIC MARTIN IM 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-4633

HUMPHRIES, DAVID SCOTT ORS 060
1350 S. KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

†HUNDLEY, DEANE, JR. FP 031
219 E. MAIN STREET A L
DECEASED -- 5-13-86
WALLACE 28466 919 285-2404

HUNDLEY, JAMES DAVENPORT ORS 065
2001 S. 17TH STREET A P * AC
WILMINGTON 28401 919 763-7344

HUNSBERGER, KURT LEE IM 070
1142 N. ROAD STREET A AC
ELIZABETH CITY 27909 919 338-4117

HUNT, DAVID STERLING AN 034
2093 ELIZABETH AVE. A R
WINSTON-SALEM 27103 919 721-0081

HUNT, LOUIS DAVID U 041
200 E. NORTHWOOD STREET A AC
GREENSBORO 27401 919 275-6115

HUNT, OLIVER RAYMOND, JR. CDS /TS 065
1607 DOCTOR'S CIRCLE A * AC
WILMINGTON 28401 919 763-6571

HUNT, THOMAS HOLMES DR /NR 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 773-3874

HUNT, WILLIAM BRYCE, JR. PUD /IM 025
P. O. BOX 2157 A AC
NEW BERN 28560 919 633-8608

HUNT, WILLIAM JACK IM 040
720 FERNDALE BLVD. L
HIGH POINT 27260 919 882-9814

HUNTER, BILLY RAY P 034
7990-204 NORTHPOINT BLVD. A AC
WINSTON-SALEM 27106 919 768-6930

HUNTER, DAVID MONTGOMERY 034
1615 NORTHWEST BLVD. A S
WINSTON-SALEM 27104 919 724-9568

HUNTER, JAMES EDWARD IM /BE 029
1057 RANDOLPH ROAD A AC
THOMASVILLE 27360 919 475-8121

HUNTER, JOHN BALDWIN GS /GP 023
618 E. MARION STREET A P L/RT
SHELBY 28150 704 487-6022

HUNTER, JOHN DANE ON /HEM 065
1202 MEDICAL CENTER DRIVE A * AC
WILMINGTON 28403 919 762-2990

HUNTER, JOHN GRAY GS /CRS 041
1016 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 274-7998

HUNTER, ROBERT MERRILL CDS /TS 092
3020 NEW BERN AVE. A AC
RALEIGH 27610 919 821-2227

HUNTER, THOMAS TITUS EM 042
207 FOREST HILL MANOR AC
ROANOKE RAPIDS 27870

HUNTLEY, DANNY EDWARD FP 060
6708 ALBEMARLE RD. AC
CHARLOTTE 28212

HURDLE, THOMAS GRAY U 026
1220 WALTER REED ROAD A AC
FAYETTEVILLE 28304 919 485-3144

HURST, DANIEL JOHNSON PUD /IM 034
250 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-4730

HURST, DAVID MAURICE R/NM 029
1003 PINE NEEDLE LANE A AC
THOMASVILLE 27360 919 475-3056

HURT, JOE PAUL PTH /NA 050
163 MONTEITH BRANCH ROAD A AC
SYLVA 28779 704 586-8721

HURWITZ, BARRIE J. N/IM 032
BOX 3184, DUMC A AC
DURHAM 27710 919 684-4126

HUSSEY, HOWARD SUMMERELL, JR. FP 033
908 ST. ANDREW STREET A L/RT
TARBORO 27886 919 823-2534

HUSSEY, MICHAEL BRUSH NS 040
P. O. BOX 5388 A P AC
HIGH POINT 27262 919 889-3242

HUTCHESON, JAMES STERLING A 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

HUTCHINS, CHARLES HUBERT OTO 036
100 E. WILKINSON BOULEVARD A AC
GASTONIA 28054 704 824-4331

HUTCHINS, KENNETH RAYMOND U 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

HUTCHINS, ROBERT HAROLD IM 065
2015 S. LIVE OAK PARKWAY AC
WILMINGTON 28403 919 343-8191

HUTCHINSON, FORNEY, III ORS 060
1822 BRUNSWICK AVENUE A P AC
CHARLOTTE 28207 704 373-0544

HUTTO, EDITH D 011
E-11 WOODFIELD AC
ASHEVILLE 28803 704 298-2954

HWANG, YINNAN GARY FP 092
PO BOX 425 A AC
ZEBULON 27597 919 269-4101

HYDE, AUSTIN TABER, JR. A/IM 081
NORRIS-BIGGS CLINIC AC
PO BOX 970
RUTHERFORDTON 28139 704 286-9036

HYDE, SAMUEL ELISHA III IM 011
P. O. BOX 9796 A AC
ASHEVILLE 28815 704 298-7911

HYER, RANDALL NELMS 032
9A RIVER BIRCH RD. A S
DURHAM 27705 919 383-8602

IBRAHIM, GEORGE KAISSAR 032
11 WILLOWBRIDGE DR. #80 A S
DURHAM 27707 919 493-3695

IBRAHIM, KAISSAR SLEIMEN GS /CDS 051
712 WILKINS STREET A AC
SMITHFIELD 27577 919 934-2360

IBRAHIM, MOUNIR LABIB P 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-4552

IFFT, ROBIN DAWN 034
731 LYNN DEE DR. A S
WINSTON-SALEM 27106 919 725-3578

IGLEHART, JAMES DIRK GS /TS 032
BOX 3873, DUMC A AC
DURHAM 27710 919 684-6133

IMBUS, HAROLD ROGER OM 041
4605-E DUNDAS DRIVE A AC
GREENSBORO 27407 919 845-2303

INABNET, WILLIAM BARLOW OTO /PSF 041
100 E. NORTHWOOD STREET A AC
GREENSBORO 27401 919 275-0507

INGRAM, CHARLES HAL GS 040
624 QUAKER LANE, SUITE 116-B A AC
HIGH POINT 27262 919 886-4552

INGRAM, HAYWOOD MELTON GS 041
1317 N. ELM ST. STE. #5 A AC
P. O. BOX 10037
GREENSBORO 27404 919 274-8444

INGRAM, ROBERT GREGORY IM 041
1100 OLIVE STREET A AC
GREENSBORO 27401 919 378-9906

INJEJIKIAN, JIRAIR ALEXAN TS /GS 023
709 GROVER STREET A AC
SHELBY 28150 704 482-8371

INMAN, CHARLES ERNEST FP 078
1212 S. WALNUT ST. A AC
FAIRMONT 28340 919 628-6711

IRELAND, PATRICK DAVID 034
315 LOCKLAND AVE. A S
WINSTON-SALEM 27103 919 723-2935

IRIGARAY, PETER JOSEPH P 032
JOHN UMSTEAD HOSPITAL A P AC
BUTNER 27509 919 575-7092

IRONS, CARY FREDERICK, JR. FP 074
1104 W. ROCK SPRING ROAD A L
GREENVILLE 27834 919 752-3423

IRONS, GEORGE VERNON, JR. CD /IM 060
1350 S. KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

IRONS, MALENE GRANT PD /GPM 074
1104 W. ROCKSPRING A L/RT
GREENVILLE 27834 919 752-3423

IRONS, THOMAS GRANT PD 074
ECU DEPT. OF PEDIATRICS A AC
GREENVILLE 27834 919 757-2535

IRVING, RICHARD CARROLL AN /GER 045
RT. #9, 2589 HEBRON RD. A P * L/RT
HENDERSONVILLE 28739 704 692-9806

IRVING, THOMAS HERBERT AN 034
415 E. BROAD ST. A P AC
STATESVILLE 28677 919 748-2599

ISAACS, KIM LUISE IM 032
103 POLK'S TRAIL A R
CHAPEL HILL 27514 919 968-1597

ISBEY, EDWARD KENNETH, JR. OPH 011
495 BILTMORE AVENUE A P * AC
ASHEVILLE 28801 704 258-1586

ISENHOWER, JOSEPH ANDREW FP 018
24 SECOND AVENUE, N.E. A P * AC
HICKORY 28601 704 328-2231

ISRAEL, JAMES RAY P/FP 034
190 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-6930

ISRAEL, JOHN ROBERT PS 011
5 LIVINGSTON STREET AC
ASHEVILLE 28801 704 253-7000

ISSA, MAHMOUD A. GE /IM 067
224 MEMORIAL DR. STE. A AC
JACKSONVILLE 28540 919 577-1444

IVES, DONALD LELAND 032
303-B MASON FARM RD. A S
CHAPEL HILL 27514 919 929-4303

IZLAR, HENRY LEROY, JR. IM /CD 032
306 S. GREGSON STREET A AC
DURHAM 27701 919 682-5562

IZURIETA, HENRY IM 026
514 BEAUMONT ROAD AC
FAYETTEVILLE 28304 919 485-8831

JABEN, SCOTT LEONARD OPH 060
309 S. LAUREL AVE. A AC
CHARLOTTE 28207 704 372-4380

JACKLIN, HAROLD NORMAN OPH 041
1014 N. ELM STREET A P AC
GREENSBORO 27401 919 274-2149

JACKSON, CHARLES THOMAS OBG 060
5950 FAIRVIEW RD., STE. 100 A AC
3 FAIRVIEW PLAZA
CHARLOTTE 28210 704 551-4200

JACKSON, DAVID DEWITT GS /CDS 086
P. O. BOX 191 A AC
MOUNT AIRY 27030 919 789-9176

JACKSON, DAVID STONE, JR. FP 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-2832

JACKSON, DON VERNON, JR. IM /ON 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-2088

JACKSON, DONALD CHARLES R 025
P. O. BOX 2065 A AC
NEW BERN 28560 919 633-8708

JACKSON, FREEMAN RANDOLPH R 041
215 ELMWOOD DRIVE A P * AC
GREENSBORO 27408 919 299-6815

JACKSON, JOSEPH ALEXANDER, III OPH 080
800 W. CEMETERY STREET A P AC
SALISBURY 28144 704 633-0345

JACKSON, MURRAY THREADGILL,JR. R 050
P. O. BOX 1043 A AC
SYLVA 28779 704 586-8941

JACKSON, RICHARD DEWITT GS 086
1067 GREENHILL ROAD AC
MOUNT AIRY 27030 919 786-2400

JACKSON, ROSEMARY 032
2405 UNIVERSITY DR. A S
DURHAM 27707 919 493-6273

JACOB, WILLIAM MITCHELL DR 042
1210 QUAIL COURT AC
ROANOKE RAPIDS 27870 919 535-8155

JACOBS, GEORGE DANIEL OBG 036
1225 E. GARRISON BLVD. P AC
GASTONIA 28054 704 865-7416

JACOBS, WILLIAM EDWARD PS /GS 060
2215 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 372-6846

JACOBSON, MARK DAVID 034
3924 OLD VINEYARD RD., #55 A S
WINSTON-SALEM 27104 919 760-3389

JACOBSON, PETER LARS N/IM 063
P. O. BOX 1749 A P AC
PINEHURST 28374 919 295-6868

JACOBSON, ROBERT CARL AN 092
P. O. BOX 18139 A P AC
RALEIGH 27619 919 755-3034

JACOBSON, SEVERT HAROLD NS 063
P. O. BOX 2000 A AC
PINEHURST 28374 919 295-1291

JACQUES, ROBERT SAMUEL EM /FP 063
P. O. BOX 695 A AC
PITTSBORO 27312 919 295-7777

JACUMIN, WALTER JOE R/NM 012
P. O. BOX 700 A P AC
VALDESE 28690 704 879-9541

JAECKLEIN, FREDERICK PETER IM /HEM 054
KINSTON CLINIC, STE. #3 A AC
KINSTON 28501 919 522-2303

JAIN, REKHA IM /PD 092
5813 NORTH BOULEVARD AC
RALEIGH 27604 919 878-8620

JAMES, ARTHUR AUGUSTUS, JR. IM 053
604 SPRING LANE A L/RT
SANFORD 27330 919 776-2435

JAMES, CHARLES GREENE IM 060
951 S. INDEPENDENCE BLVD. A AC
CHARLOTTE 28202 704 377-2188

JAMES, CHARLES NEWTON FP 081
P. O. BOX 518 A P AC
CAROLEEN 28019 704 657-5371

JAMES, FRANCIS MARSHALL,III AN 034
15 GRAYLYN PLACE LANE A P * AC
WINSTON-SALEM 27106 919 723-4690

JAMES, GEORGE W. D 034
205 S. HAWTHORNE ROAD A * AC
WINSTON-SALEM 27103 919 722-6155

JAMES, GEORGE WHITFIELD 034
1900 QUEEN ST. #C-3 A S
WINSTON-SALEM 27103 919 722-5918

JAMES, JOHN CLAY GP 018
ROUTE #3, BOX 436 A P AC
MAIDEN 28650 704 428-9740

JAMES, JOSEPH MCCRAW R 065
2622 MIMOSA PLACE A P AC
WILMINGTON 28403 919 343-7069

JAMES, RICHARD THOMAS, JR. IM 060
217 TRAVIS AVENUE A AC
CHARLOTTE 28204 704 372-3350

JAMES, ROBERT MITCHELL 074
2704 JEFFERSON DR. A S
GREENVILLE 27834 919 752-2254

JAMES, ROBERT TRUXTON NS 000
305 E. CALHOUN ST. A AC
ANDERSON, SC 29621 803 226-7257

JAMES, ROGER ALLEN FP 011
946 TUNNEL ROAD A AC
ASHEVILLE 28805 704 298-7981

JAMISON, EDGAR LAMONT OPH /OTO 076
1243 IDLEWOOD RD. A L/RT
ASHEBORO 27203 919 625-6315

JANEWAY, RICHARD N 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4424

JANOSKO, EDWARD ORESTES, II U/N/A 074
224 KING GEORGE ROAD A AC
GREENVILLE 27834 919 752-5077

JANTZ, ROBERT JOSEPH FP 062
P. O. BOX 128 AC
MOUNT GILEAD 27306 919 439-5511

JARMAN, FONTAINE GRAHAM, JR. GS 042
12 LONGSTREET ROAD A L/RT
WELDON 27890 919 536-2884

JARMAN, WAYNE THOMAS GS 049
708 HARTNESS ROAD A AC
STATESVILLE 28677 704 873-1024

JARMAN, WILLIAM HENRY, JR. ORS 036
902 COX ROAD A AC
GASTONIA 28052 704 867-2333

JAROSAK, PETER JAMES PD 041
THE SAM RAVENEL CLINIC AC
1307 W. WENDOVER AVENUE
GREENSBORO 27408 919 275-6335

JARRAH, AZMI SHAFIQ PD /PNP 012
100 MEDICAL HTS. A AC
MORGANTON 28655 704 433-9630

JARRAHI, ALI P/PH 034
2830 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 768-2424

JARRELL, JOHN ARTHUR, JR. AN 032
BOX 3802, DUKE EYE CENTER A AC
DURHAM 27710 919 684-2368

JARRELL, WILBURN ERIC FP 086
2007 SALEM ROAD A AC
MOUNT AIRY 27030 919 786-5050

JARRETT, DAVID LINCOLN ORS 011
53 S. FRENCH BROAD ST. A AC
ASHEVILLE 28801 704 252-7180

JARRETT, THOMAS EDWARD IM 040
624 QUAKER LANE, #205A AC
HIGH POINT 27262 919 885-2111

JARVIS, JAMES LUTHER NM /R 036
P. O. BOX 1495 A AC
GASTONIA 28052 704 864-4378

JASKI, THOMAS JOHN GE /IM 081
NORRIS-BIGGS CLINIC AC
P. O. BOX 970
RUTHERFORDTON 28139 704 286-9036

JASMINE, MARK SCOTT ORS 032
88 OAK LEAF LANE A R
CHAPEL HILL 27514 919 942-2128

JAYNES, GRACE S. GP 075
P. O. BOX 327 A L/RT
TRYON 28782 704 891-2240

JECK, LIDA MORAWETZ P 032
800 EASTOWNE DR., STE. 204 AC
CHAPEL HILL 27514 919 493-5329

JEFFERS, ROBERT GORDON PD /ADL 092
3803 COMPUTER DR. STE. 207 A AC
RALEIGH 27609 919 782-5273

JEMSEK, JOSEPH GREGORY ID /IM 060
1321 CAVENDISH COURT A AC
CHARLOTTE 28211 704 372-8750

JENKINS, ALBERT MILTON R 092
400 SCOTLAND ST. A * AC
RALEIGH 27609 919 787-4754

JENKINS, JOSEPH MCKENDRIE U 007
604 E. 12TH STREET A P AC
WASHINGTON 27889 919 946-0136

JENKINS, LARRY PARKER OPH 084
121 YADKIN STREET A AC
ALBEMARLE 28001 704 983-1102

JENKINS, SAMUEL GATLIN, JR. GS 070
1142 N. ROAD STREET A AC
ELIZABETH CITY 27909 919 335-4890

JENKINS, STANLEIGH EDWARD, JR. FP 008
501 HAYES STREET A AC
AHOSKIE 27910 919 357-1226

JENKINS, WANDA LOUISE OBG 013
211 LEPHILLIP COURT A AC
CONCORD 28025 704 786-1115

JENNETTE, ALBERT TYSON ORS 098
1700 S. TARBORO ST. A P * AC
WILSON 27893 919 291-1300

JENNETTE, JOHN CHARLES PTH /IG 032
UNC, DEPT. OF PATHOLOGY AC
CHAPEL HILL 27514 919 966-2421

JENNINGS, JEROME EDWIN ORS 034
301 MILLER STREET, STE. 201 A AC
WINSTON-SALEM 27103 919 723-2419

JENNINGS, JOHN LEE, JR. D 096
BOX 1399, 1100 E. ASH ST. A AC
GOLDSBORO 27533 919 734-0944

JENNINGS, ROBERT BURGESS PTH /CLP 032
BOX 3712, DUMC A AC
DURHAM 27710 919 684-3528

JENNINGS, ROYAL GREEN D 040
624 QUAKER LANE, SUITE 302-B A P * AC
HIGH POINT 27262 919 887-3195

JESSUP, PAMELA KAY H. FP 053
555 CARTHAGE ST. A P AC
SANFORD 27330 919 774-6518

JETT, HARRIMAN HARDING GS 060
2104 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 377-3900

JEWELL, GARY WELCH OBG 090
1408 FRANKLIN STREET A AC
MONROE 28110 704 289-2553

JIAMACHELLO, NICHOLAS OBG 026
307 SYLVAN ROAD A RT
FAYETTEVILLE 28305 919 485-8729

JILCOTT, RUPERT WADSWORTH, III IM 054
310 GLENWOOD AVENUE A AC
KINSTON 28501 919 523-0026

JOBSON, VERNON WAKEFIELD GYN /ON 034
1901 S. HAWTHORNE RD. STE. 360 A AC
WINSTON-SALEM 27103 919 765-1464

JOHNSEN, ERIC MERRIMAN FP 084
228 YADKIN STREET A AC
ALBEMARLE 28001 704 983-3121

JOHNSEN, LYNN IM 026
524 BEAUMONT ROAD A P * L
FAYETTEVILLE 28304 919 484-6080

JOHNSON, ALBIN WILLARD OPH 092
2800 BLUE RIDGE BLVD.,STE. 409 A AC
RALEIGH 27607 919 781-7400

JOHNSON, ALLEN DANIEL 074
D-15 DOCTOR'S PARK A S
GREENVILLE 27834 919 758-9083

JOHNSON, ANDREW FINLEY GP 018
2402 SPRINGS ROAD, N.E. A AC
HICKORY 28601 704 256-2185

JOHNSON, ATLEE ROLLINS,III 034
2412 JEFFERSON AVE. S
WINSTON-SALEM 27103 919 723-3171

JOHNSON, CHARLES ROSS P 092
4000 BLUE RIDGE RD. STE. 100 AC
RALEIGH 27612 919 781-8700

JOHNSON, CHARLES THOMAS, JR. FP 078
222 S. MAIN STREET A AC
RED SPRINGS 28377 919 843-4576

JOHNSON, CURTIS CORYDON GS /GYN 061
106 HOSPITAL DRIVE A P AC
SPRUCE PINE 28777 704 765-6131

JOHNSON, DAVID SANDER PD 001
530 W. WEBB AVENUE AC
BURLINGTON 27215 919 228-8316

JOHNSON, DONALD CARL OPH 007
P. O. BOX 699 P AC
WASHINGTON 27889 919 946-3111

JOHNSON, DONALD GENE R/NR 065
2212 DELANEY AVENUE A AC
WILMINGTON 28403 919 383-7070

JOHNSON, GALE DENNING GS 043
119 LUCKNOW SQUARE AC
DUNN 28334 919 892-7893

JOHNSON, GEORGE, JR. VS /GS 032
UNC, DEPT. OF SURGERY 229-H A AC
CHAPEL HILL 27514 919 966-3391

JOHNSON, HARRY WALLACE GYN 041
104 W. NORTHWOOD STREET A P * AC
GREENSBORO 27401 919 378-1843

JOHNSON, HEBER WELLINGTON OBG /GS 065
5305 WRIGHTSVILLE AVENUE A L
WILMINGTON 28403 919 791-2301

JOHNSON, HENRY WESLEY PD 034
3175 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 768-7030

JOHNSON, JAMES ALFRED NS 040
606 N. ELM ST. A P AC
HIGH POINT 27262 919 889-8877

JOHNSON, JAMES CLIFTON 034
RD-2, BOX 771 A S
DANVILLE, PA 17821

JOHNSON, JAMES ERWIN ORS 026
3308 MELROSE ROAD A P AC
FAYETTEVILLE 28304 919 484-4874

JOHNSON, JAMES NOLEN FP 061
P. O. BOX 525 AC
SPRUCE PINE 28777

JOHNSON, LESLIE DONALD DR 001
733-G COLONY APARTMENTS A P AC
BURLINGTON 27215 919 227-8111

JOHNSON, MICHAEL DONALD 032
RT. #5, BOX 358-GA A S
CHAPEL HILL 27514 919 929-9775

JOHNSON, NATHANIEL, III 032
UNC, 546 CRAIGE HALL A S
CHAPEL HILL 27514 919 933-3491

JOHNSON, PAUL SHELDON P/AN 026
302 THORNCLIFF A AC
FAYETTEVILLE 28303 919 488-2120

JOHNSON, RANDALL DIVAN GS /CDS 011
16 MCDOWELL STREET A AC
ASHEVILLE 28801 704 252-3366

JOHNSON, ROBERT BRUCE D 092
915 KILDAIRE FARM RD. A P AC
CARY 27511 919 467-8556

JOHNSON, SAMUEL ANDREW 074
APT. #4, CARRIAGE HOUSE A S
GREENVILLE 27834 919 934-2161

JOHNSON, STEPHEN EDWARD EM /IM 092
10501 LEAFWOOD COURT A AC
RALEIGH 27612 919 755-3100

JOHNSON, THOMAS GARY R 018
132 35TH AVE., NW A P AC
HICKORY 28601 704 327-6342

JOHNSON, THOMAS MILTON FP 051
709 NORTH STREET AC
SMITHFIELD 27577 919 934-8556

JOHNSRUDE, IRWIN STANLEY DR 074
P. O. BOX 328, RTE. #9 A P AC
GREENVILLE 27834 919 756-9280

JOHNSTON, DAVID SOMERS ORS 060
1822 BRUNSWICK AVENUE A P AC
CHARLOTTE 28207 704 373-0544

JOHNSTON, FRANK RANDOLPH TS /CDS 034
300 S. HAWTHORNE RD. A L/RT
WINSTON-SALEM 27103 919 748-4338

JOHNSTON, FRANK SMITH, JR. IM 092
3900 BROWNING PLACE A AC
RALEIGH 27609 919 781-9650

JOHNSTON, HARVEY WYLIE U 060
101 W. T. HARRIS BLVD. A AC
CHARLOTTE 28213 704 547-1392

JOHNSTON, JAMES GILLIAM 032
234 MCCAULEY ST. A S
CHAPEL HILL 27514 919 929-3816

JOHNSTON, JAMES WILLIAM OBG 001
KERNODLE CLINIC AC
BURLINGTON 27215 919 227-3621

JOHNSTON, JOHN GARDNER PD 060
1700 ABBEY PLACE A AC
CHARLOTTE 28209 704 523-7232

JOHNSTON, WILLIAM WEBB PTH 032
BOX 3712, DUMC A P AC
DURHAM 27710 919 684-3587

JOHNSTONE, WILLIAM MILLER, JR. 074
408 S. HARDING ST. A S
GREENVILLE 27834 919 758-7213

JOKERST, ELIZABETH SUMNER 032
2112 BROAD STREET, D-8 A S
DURHAM 27705 919 477-6704

JOLLY, BRANTLEY TILMAN, JR. 034
2401 FAIRWAY DR. A S
WINSTON-SALEM 27103 919 723-8918

JOLLY, THOMAS LYNN FP 034
1500 W. ACADEMY ST. A R
WINSTON-SALEM 27103 919 727-0550

JOLLY, WILLIAM OSCAR, III FP 084
320 YADKIN STREET A AC
ALBEMARLE 28001 704 982-9144

JONAS, JAROSLAV GEORGE ORS 011
20 BEAVERBROOK ROAD A AC
ASHEVILLE 28804 704 255-0510

JONES, ALBERT MCCRAY OBG 007
614 E. 12TH STREET A AC
WASHINGTON 27889 919 946-6544

JONES, BILLY ERNEST D 074
ECU DEPT. OF MEDICINE A P AC
GREENVILLE 27834 919 757-2555

JONES, CHAMP MCMILLIAN, JR. FP 034
2805 LYNDHURST AVE. AC
WINSTON-SALEM 27103 919 768-8890

JONES, CHRISTOPHER 074
#4 WILDWOOD VILLAS A S
GREENVILLE 27834 919 752-5110

JONES, CLARA ISELEY GP 001
815 S. FIFTH ST. L/RT
MEBANE 27302 919 563-1080

JONES, CLAYTON JOE GYN 013
107 COUNTRY CLUB DRIVE A AC
CONCORD 28025 704 786-7158

JONES, COLIN DOUGLAS FP 008
ACADEMY STREET A * AC
AHOSKIE 27910 919 332-6138

JONES, CONSTANCE CARPENTER 032
39-H LAUREL RIDGE APTS. A S
CHAPEL HILL 27514 919 968-0023

JONES, CRAIG S. GS 023
4051 GULFSHORE BLVD. N'PH-205 A L
NAPLES, FL 33940 813 261-5609

JONES, DAVID CRAVEN FP 001
202 S. FIFTH STREET A AC
MEBANE 27302 919 563-9341

JONES, DAVID HERMAN OPH 092
3900 BROWNING PLACE AC
RALEIGH 27609 919 787-2758

JONES, DENNIS EBLEN DARNELL OBG 074
ECU SCHOOL OF MEDICINE AC
GREENVILLE 27834 919 757-4610

JONES, DONNIE HUE, JR. GP 051
P. O. BOX 158 A AC
PRINCETON 27569 919 936-5171

JONES, FRANK COLLINS, JR. GS 050
KILIMANJARO MED. CTR H
THE GOOD SAMARITAN FOUNDATION
MOSHI,TANZANIA, E.AFRICA 704 586-6665

JONES, GREGORY LEE FP 098
2104 HERMITAGE RD. A AC
WILSON 27893 919 238-2407

JONES, HARVEY MICHAEL PTH /CLP 091
ROUTE #3, BOX 25W AC
HENDERSON 27536 919 492-4477

JONES, JAMES BUCKNER IM /PUD 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 365-0760

JONES, JAMES DAVID CHP 032
BOX 3115, DUMC A AC
DURHAM 27710 919 684-2372

JONES, JAMES DAVID, II AN 034
321 BANBURY ROAD A AC
WINSTON-SALEM 27104 919 773-3259

JONES, JAMES GRADY FP 074
P. O. BOX 1846 A P AC
GREENVILLE 27834 919 757-2600

JONES, JAMES MARSHALL, JR. IM 034
1225 E. FIFTH STREET AC
WINSTON-SALEM 27101 919 725-7362

JONES, JEFFREY DAVID GE /IM 098
1205 GREENBRIAR COURT A AC
WILSON 27893 919 291-7001

JONES, JERRY ANTHONY IM /GE 060
1012 S. KINGS DR. STE 100 AC
CHARLOTTE 28283

JONES, JOHN WESLEY GE /IM 026
1314 MEDICAL DR., STE. 102 A P AC
FAYETTEVILLE 28304 919 323-2477

JONES, JOSEPH KEMPTON FP 032
1001 S. HAMILTON ROAD A P AC
CHAPEL HILL 27514 919 968-4551

JONES, JOSEPH REID, JR. GP 034
P. O. BOX 387 A AC
KING 27021 919 983-3113

JONES, MARY MCKEEL 023
BRANCH'S STATES, BOX 76 A S
GREENVILLE 27834 919 756-6398

JONES, MICHAEL CHARLES GS 045
835 FLEMING STREET A AC
HENDERSONVILLE 28739 704 692-0238

JONES, MORRIS ALEXANDER, JR. R 032
3643 N. ROXBORO ST. A P AC
DURHAM 27704 919 471-3411

JONES, NORMAN NESBETH GP /GE 041
P. O. BOX 21886 A AC
GREENSBORO 27420 919 274-0097

JONES, O. HUNTER OBG 060
1710 QUEENS ROAD, W. A L
CHARLOTTE 28207 704 333-0455

JONES, ROBERT BOYD OTO 065
2311 DELANEY ROAD A * AC
WILMINGTON 28403 919 762-8754

JONES, ROBERT S.,JR.-BOBBY FP 023
113 GROVER STREET A AC
SHELBY 28150 704 487-5228

JONES, ROBERT SPURGEON FP 023
113 GROVER STREET A AC
SHELBY 28150 704 487-5228

JONES, SARA THOMPSON AN 034
321 BANBURY ROAD A P * AC
WINSTON-SALEM 27104 919 768-8987

JONES, STEPHEN WATSON 023
BRANCH'S ESTES, BOX 76 A S
GREENVILLE 27834 919 756-6398

JONES, THADDEUS LEROY PTH /HEM 034
3333 SILAS CREEK PARKWAY A P AC
WINSTON-SALEM 27103 919 773-3840

JONES, THOMAS THWEATT GP 032
1202 ARNETT A L/RT
DURHAM 27707 919 489-2115

JONES, WILLIAM BURNS, JR. PH 092
620 N. WEST ST. * AC
RALEIGH 27603 919 733-3364

JONES, WILLIAM ROBERT GP 064
600 SUNSET AVENUE A AC
ROCKY MOUNT 27801 919 446-4921

JONNALAGADDA, M. RAO P/PH 096
CHERRY HOSP.,
CALLER BOX 8000 A P AC
GOLDSBORO 27530 919 731-3206

JORDAN, BARBARA MOORE P 078
207 W. 29TH STREET A AC
LUMBERTON 28358 919 738-5261

JORDAN, CHARLES DANIEL FP 074
EAST CAROLINA UNIV. INFIRMARY A L
GREENVILLE 27834 919 757-6841

JORDAN, HENRY DAVIDSON PTH 065
P. O. BOX 9000 A P AC
WILMINGTON 28402 919 343-7074

JORDAN, LYNDON KIRKMAN FP 051
P. O. BOX 760 A P AC
SMITHFIELD 27577 919 934-7687

JORDAN, RICHARD DORN R 080
7 PINETREE ROAD A AC
SALISBURY 28144 704 633-1022

JORDAN, RICHARD LIMING FP 078
2608 N. ELM STREET A AC
LUMBERTON 28358 919 738-9381

JORDAN, RILEY MOORE FP 047
116 CAMPUS AVENUE AC
RAEFORD 28376 919 875-5151

JORDAN, ROBERT CALHOUN, JR. R 053
P. O. BOX 1007 A P AC
SANFORD 27330 919 776-1210

JORDAN, WELDON HUSKE IM 026
114 BROADFOOT AVENUE A AC
FAYETTEVILLE 28305 919 484-3261

JORDAN, WILLIAM RAND U 026
1786 METROMEDICAL DRIVE AC
FAYETTEVILLE 28304 919 485-8151

JORIZZO, JOSEPH L. D 034
300 S. HAWTHORNE RD. A AC
DEPT. OF DERMATOLOGY
WINSTON-SALEM 27103 919 748-2768

JOYCE, BETTY WINFIELD 034
221 LOCKLAND AVENUE A S
WINSTON-SALEM 27103 919 722-1325

JOYCE, CHARLES WELDON GP 079
401 W. DECATUR ST. A * AC
MADISON 27025 919 548-9618

JOYCE, DONALD GEORGE ORS 060
3535 RANDOLPH ROAD, SUITE 103 A AC
CHARLOTTE 28211 704 365-2111

JOYCE, GEORGE WILLIAM IM /NEP 040
624 QUAKER LANE, SUITE 213-B A P AC
HIGH POINT 27262 919 883-4131

JOYNER, GEORGE WILLIAM GS 076
375 LEXINGTON ROAD A L/RT
ASHEBORO 27203 919 625-6465

JOYNER, RAYMOND EDWARD U 032
923 BROAD STREET A AC
DURHAM 27705 919 286-1297

JOYNER, RONNIE STEPHEN OBG 025
3631 WEDGEWOOD DRIVE A AC
NEW BERN 28560 919 633-3942

JOYNER, SAMUEL BALFOUR IM 041
200 E. NORTHWOOD STREET A P AC
GREENSBORO 27401 919 274-7609

JOYNER, WILLIAM STAFFORD FP 032
1001 S. HAMILTON ROAD A * AC
CHAPEL HILL 27514 919 968-4551

JURIVICH, DONALD ALBERT IM /GER 032
508 FULTON ST. A R
DURHAM 27710 919 286-0411

JUST, PETER WITHAM AN 032
ROUTE #3, BOX 157 A R
CHAPEL HILL 27514 919 929-9630

JUSTA, SAMUEL HARRY GP 064
3546 S. OCEAN BOULEVARD A L
PALM BEACH, FL 33480

JUSTIS, HOMER RODEHEAVER U 060
1012 KINGS DRIVE A AC
CHARLOTTE 28283 704 334-6449

KAASA, LAURIN JUUL PTH 092
3000 NEW BERN AVENUE L
RALEIGH 27610 919 755-8260

KABASAN, DENNIS CLARK IM 053
1951 S. HORNER BLVD. AC
SANFORD 27330 919 774-4123

KABLE, KELVIN DUANE AM /OM 013
927 BURRAGE ROAD A AC
CONCORD, ND 28025 704 788-5110

KADYK, JAN MARC ORS 095
30 DOCTOR'S PARK A P * AC
BOONE 28607 704 264-1100

KAHL, FREDERIC ROSS CD /IM 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4261

KAHN, JOSEPH WILLIAM GP /GS 056
P. O. BOX 147 A L/RT
FRANKLIN 28734 704 524-4427

KAHN, ROBERT CHARLES GS 008
416 CIRCLE DRIVE A P AC
AHOSKIE 27910 919 332-2244

KAHN, ROBERT HOWARD D 036
1032 X-RAY DR., STE. A AC
P. O. BOX 3598
GASTONIA 28053 704 864-8386

KALAYJIAN, ROBERT WAYNE AN 032
DUMC,DEPT. OF ANES.,
BOX AA3061 A P AC
DURHAM 27710 919 684-5265

KALDY, PATRICIA MARIE FP 013
P. O. BOX 1058 A AC
MOUNT PLEASANT 28124 704 436-6521

KALINA, KENT MICHAEL P 060
1012 KINGS DR., STE. 701 A AC
CHARLOTTE 28283 704 376-2810

KALLIANOS, JOHN ANDREW 032
4800 UNIVERSITY DR. 23M A S
DURHAM 27707 919 493-4308

KALLMAN, HAROLD FP /GER 074
ECU DEPT.OF FAMILY MEDICINE A AC
GREENVILLE 27834 919 757-2597

KAMM, RICK RANDE OBG 092
4909 MOREHEAD DRIVE A AC
RALEIGH 27612 919 781-6200

KAMP, MAURICE ARTHUR PH /GPM 060
1400 DREXEL PLACE A H
CHARLOTTE 28209 704 525-3468

KANDL, LOUIS CHARLES IM /ID 084
123 N. FIRST STREET AC
ALBEMARLE 28001 704 982-2189

KANE, RICHARD DOUGLAS U 092
3900 BROWNING PLACE A AC
RALEIGH 27609 919 781-5104

KANG, JOON FP 098
P. O. BOX 218, MAIN STREET AC
BAILEY 27807 919 235-4181

KANICH, ROBERT EMIL PTH 092
4420 LAKE BOONE TRAIL A AC
RALEIGH 27607 919 755-3057

KANOF, ELIZABETH PASCHER D 092
3400 EXECUTIVE DRIVE A P * AC
RALEIGH, N, C. 27609 919 878-0310

KAPLAN, DAVID LOUIS 032
3064-A COLONY RD. R
DURHAM 27705 919 489-1106

KAPLAN, JEFFREY MARK R 067
ONSLOW MEMORIAL HOSPITAL AC
P. O. BOX 1358
JACKSONVILLE 28541 919 577-2345

KAPLAN, RICHARD DAVID OBG 041
408 PARKWAY DR. A AC
GREENSBORO 27401 919 378-1110

KAPLOWITZ, GARY L. ORS 091
RUIN CREEK ROAD,
MED. SERV.BLDG A P AC
HENDERSON 27536 919 438-3186

KAPORDELIS, GREGORY C. PDS /GS 034
1902 QUEEN ST., APT. D-6 A S
WINSTON-SALEM 27103 919 725-7408

KAPP, CONSTANTINE HEGE PUD 034
510 S. CHURCH STREET A L/RT
WINSTON-SALEM 27101 919 724-9487

KARAM, MICHAEL QUSTANDI IM /ON 092
3801 COMPUTER DR., STE. 212 AC
RALEIGH 27609 919 781-2643

KARB, KENNETH SAMUEL ON /IM 041
1007 PROFESSIONAL VILLAGE AC
GREENSBORO 27401 919 272-2141

KAREGEANNES, JAMES CHRISTOPHER 032
BOX 2758, DUMC A S
DURHAM 27710

KARIM-JETHA, ZAHEER AN 078
202 EDINBOROUGH DR. A AC
LUMBERTON 28358 919 738-8154

KARIS, JOANNES HUBERTUS AN 032
BOX 3071, DUMC A P * AC
DURHAM 27710 919 681-6944

KASH, STEPHEN LEE OPH 065
1120 MEDICAL CENTER DRIVE A AC
WILMINGTON 28401 919 763-7316

KASIK, LEE AN 041
716 COLERIDGE DR. AC
GREENSBORO 27410 919 299-6343

KATARIA, SUDESH PD 074
ECU DEPT. OF PEDIATRICS AC
GREENVILLE 27834 919 757-2535

KATARIA, YASH PAL PUD /IM 074
ECU DEPT. OF MEDICINE A AC
GREENVILLE 27834 919 757-4653

KATH, PHILIP DOUGLAS OPH 012
335 E. PARKER ROAD P AC
MORGANTON 28655 704 433-6220

KATZ, EDWARD KENNETH P/PYM 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834

KATZ, JEFFREY DAVID CD /IM 041
1409 PEMBROKE ROAD A P AC
GREENSBORO 27408 919 378-0774

KATZ, SAMUEL LAWRENCE PD /ID 032
BOX 2925, DUMC AC
DURHAM 27710 919 684-3734

KAUFMAN, DAVID GORDON PTH 032
UNC, DEPT. OF PATHOLOGY AC
CHAPEL HILL 27514 919 966-1396

KAUFMAN, JEFFREY 032
BOX 2878, DUMC A S
DURHAM 27710 919 684-6527

KAUFMAN, MICHAEL DAVID N/GPM 060
126 COTTAGE PLACE A AC
CHARLOTTE 28207 704 334-7311

KAYE, DOUGLAS EVAN 034
405 CORONA ST. A S
WINSTON-SALEM 27103 919 724-6289

KAYYE, PAUL THOMAS P/CHP 092
325 N. SALISBURY ST. AC
RALEIGH 27611 919 733-7011

KEAGY, BLAIR ALLEN TS /CDS 032
UNC,108 BURNETT-WOMACK
229-H A AC
CHAPEL HILL 27514 919 966-3381

KEARNS, PAUL RUTHERFORD OBG 049
750-H HARTNESS ROAD A AC
STATESVILLE 28677 704 872-6389

KEATHLEY, FRANKLIN BURR D/A 036
224 NEW HOPE ROAD A AC
GASTONIA 28052 704 867-0773

KEEL, JAMES FRANKLIN, III IM /NM 013
68 LAKE CONCORD ROAD, N.E. A P AC
CONCORD 28025 704 782-3135

KEELING, J. WAYNE ORS 079
307 W. MOREHEAD STREET A * AC
REIDSVILLE 27320 919 342-6116

KEENEY, GLENWARD THOMAS OBG 026
1219 WALTER REED ROAD A AC
FAYETTEVILLE 28304 919 323-2103

KEENEY, RONALD ERIC PD /ID 092
5 MOORE DR., GLAXO, INC. A AC
RESEARCH TRIANGLE PK 27709 919 248-2568

KEEVER, RICHARD ALAN OTO 040
624 QUAKER LN., STE. 301-D A AC
HIGH POINT 27262 919 883-1366

KEIPPER, VINCENT LEE MCCALLA IM 013
56 ARDSLEY AVENUE, N. E. A * AC
CONCORD 28025 704 782-1101

KEITH, JULIAN FAISON, JR. FP 034
BOWMAN GRAY, FAMILY MED. A AC
WINSTON-SALEM 27103 919 748-2251

KEITH, THEODORE ALLEN CD /IM 034
2810 MAPLEWOOD AVE. A P AC
WINSTON-SALEM 27103 919 768-0437

KEITHAHN, STEPHEN TIMOTHY 032
BOX 2760, DUMC A S
DURHAM 27710 919 684-5988

KELEHER, MICHAEL FRANCIS GS 011
18 MAYWOOD ROAD A L/RT
ASHEVILLE 28804 704 254-1835

KELEMEN, WILLIAM ARTHUR IM 060
1928 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 334-1086

KELISCHEK, SABINE 032
118-A CHEEK ST. A S
CARRBORO 27510 919 967-6253

KELLAM, DONALD SWIFT, JR. ORS 060
120 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0351

KELLER, CHARLES AUGUSTUS, JR. CDS 011
257 MCDOWELL STREET A P AC
ASHEVILLE 28803 704 258-1121

KELLER, GUY OTIS GS 060
3535 RANDOLPH RD., STE. 200-A AC
CHARLOTTE 28211 704 364-2500

KELLER, TED STEVEN NS 018
420 N. CENTER ST. A P AC
HICKORY 28601 704 327-4818

KELLEY, DANIEL JOSEPH 034
448 S. HAWTHORNE ST. A S
WINSTON-SALEM 27103 919 722-5371

KELLEY, THOMAS FRANCIS FP 084
320 YADKIN STREET A AC
ALBEMARLE 28001 704 982-9144

KELLEY, TIMOTHY FRANCIS 034
448 S. HAWTHORNE RD. A S
WINSTON-SALEM 27103 919 722-5371

KELLING, DOUGLAS GEORGE, JR. IM /PUD 013
68 LAKE CONCORD ROAD, N. E. A P AC
CONCORD 28025 704 782-3135

KELLY, DAVID L., JR. NS 034
BOWMAN GRAY, DIV. OF NS A AC
WINSTON-SALEM 27103 919 748-4049

KELLY, JAMES REGINALD IM 032
306 S. GREGSON STREET A AC
DURHAM 27701 919 682-5561

KELLY, JEFFREY EM /AN 034
406 CLIFFDALE DR. A R
WINSTON-SALEM 27104 919 768-8280

KELLY, JOHNSON HALL U 023
1306 VISTA DRIVE A AC
SHELBY 28150 704 482-2011

KELLY, LUTHER W., JR. END /NM 060
1350 S. KINGS DR. A * AC
CHARLOTTE 28207 704 372-8750

KELLY, RICHARD BRUCE FP 011
491 BILTMORE AVE. A AC
ASHEVILLE 28801 704 258-0670

KELLY, ROBERT GEORGE FP 034
2805 LYNDHURST AVENUE AC
WINSTON-SALEM 27103 919 768-8890

KELLY, WILLIAM SHERWOOD FP 034
116 S. MAIN ST. A AC
KERNERSVILLE 27284 919 993-2224

KELSH, JAMES MICHAEL GS 033
101 CLINIC DRIVE A AC
TARBORO 27886 919 823-2105

KEMPNER, WALTER IM 032
BOX 3099, DUMC A L/RT
DURHAM 27710 919 684-2675

KENAN, LEROY FULTON FP 092
3801 COMPUTER DRIVE AC
RALEIGH 27609 919 787-0302

KENAN, PATRICK DAN OTO 032
DUKE, DIV. OF OTOL. A AC
DURHAM 27710 919 684-5238

KENDALL, BENJAMIN HORTON CD 023
315 WESTFIELD RD. A L/RT
SHELBY 28150 704 487-8381

KENDALL, JOHN HAROLD GP 082
715 STEWART AVENUE A L
CLINTON 28328 919 592-2161

KENDRICK, PAUL WAYNE NEP /IM 074
6 DOCTORS PK,
STANTONSBURG RD. A P AC
GREENVILLE 27834 919 752-8880

KENNEDY, CHARLIE LEE PD 034
501 N. CLEVELAND AVE. A AC
WINSTON-SALEM 27101 919 725-0514

KENNEDY, REBECCA SMITH R 032
315-A BLUERIDGE ROAD A S
CARRBORO 27510 919 929-9861

KENNEDY, THOMAS FRANCIS R 011
P. O. BOX 2959 A AC
ASHEVILLE 28802 704 254-4617

KENNEDY, WILLARD LEE CD /IM 092
3400 EXECUTIVE DR., STE. 201 A P AC
RALEIGH 27609 919 872-8920

KENNEY, RICHARD DREW PD /ADL 060
1000 BLYTHE BLVD. AC
PO BOX 32861
CHARLOTTE 28234 704 331-3156

KENNY, JEAN BRYCE FELTY PD /ID 074
1004 HILLSIDE DRIVE AC
GREENVILLE 27834 919 757-2511

KEPLEY, MICHAEL AVERY OBG 049
750-H HARTNESS RD. A AC
STATESVILLE 28677 704 872-6389

KEPPEL, ROBERT ALVIN GS /TS 018
420 N. CENTER STREET A AC
HICKORY 28601 704 327-9178

KEPPLER, C. BURTON AN 045
334 BROOKSIDE CAMP RD. A AC
HENDERSONVILLE 28739 704 692-8688

KERANEN, VICTOR JOSEPH NS 026
3314 MELROSE ROAD, SUITE 104 A P AC
FAYETTEVILLE 28304 919 484-9802

KERBY, GRACE PARDRIDGE RHU 032
BOX 8714, FOREST HILLS
STATION A L/RT
DURHAM 27707

KERLEY, ROGER KENNY IM 086
708 S. SOUTH STREET A AC
P. O. BOX 1547
MOUNT AIRY 27030 919 786-6146

KERMON, LOUIS TODD IM /CD 092
2708 PEACHTREE ST. A AC
RALEIGH 27608 919 782-2333

KERNEY, SUZANNE ELIZABETH P/CHP 086
316 LOIS LANE AC
MOUNT AIRY 27030 919 789-9171

KERNODLE, CHARLES EDWARD, JR. GS 001
603 ISLEY PLACE, APT. D A L/RT
BURLINGTON 27215 919 226-4598

KERNODLE, DONALD REED OPH /OTO 001
KERNODLE CLINIC A AC
BURLINGTON 27215 919 227-3621

KERNODLE, DWIGHT TALMADGE IM 001
KERNODLE CLINIC A P * AC
BURLINGTON 27215 919 227-3621

KERNODLE, GEORGE WALLACE PD 001
MEDICAL CTR PHARMACY BLDG AC
BURLINGTON 27215 919 226-7608

KERNODLE, GEO. WALLACE,JR. RHU /IM 032
316 N. GRAHAM-HOPEDALE RD. R
BURLINGTON 27215 919 227-3621

KERNODLE, HAROLD BARKER, JR. ORS 001
316 N. GRAHAM-HOPEDALE RD. AC
BURLINGTON 27215 919 227-3621

KERNODLE, JOHN ROBERT GYN 001
KERNODLE CLINIC P * L
BURLINGTON 27215 919 227-3621

KERNS, THOMAS CLEVELAND, JR. OPH 032
1110 W. MAIN STREET A AC
DURHAM 27701 919 682-9341

KERR, ROBERT MORTON GE /IM 034
BOWMAN GRAY, DEPT. OF MED. A AC
WINSTON-SALEM 27103 919 748-4602

KESLER, ARCHIE DEAN, JR. OBG 053
109-A S. VANCE STREET A AC
SANFORD 27330 919 775-2304

KESLER, JAMES L. OPH 065
1120 MEDICAL CENTER DRIVE A * AC
WILMINGTON 28401 919 763-7316

KEYES, KENNETH SHOCKLEY OTO /HNS 034
1420 PLAZA DRIVE A * AC
WINSTON-SALEM 27103 919 765-4922

KEYSERLING, THOMAS CHARLES IM 093
542 W. RIDGEWAY ST. A AC
WARRENTON 27589 919 257-3141

KHAN, ANWAAR AHMED GE /IM 079
829 S. SCALES STREET AC
REIDSVILLE 27320 919 342-6196

KHAN, MUSHTAQ HUSSAIN GS /GP 010
ROUTE #3, BOX 23 A P AC
SUPPLY 28462 919 754-8115

KHATRI, DAVE IM /GER 011
549 MERRIMON AVENUE A AC
ASHEVILLE 28801 704 253-5685

KHOSHNEVIS, PARVIZ OBG 077
P. O. BOX 1703 A AC
ROCKINGHAM 28379 919 997-3151

KIDD, RALPH VINCENT, JR. IM 060
1928 RANDOLPH ROAD AC
CHARLOTTE 28207 704 377-3439

KIFFNEY, GUSTIN THOMAS, JR. OPH 032
1106 HILLANDALE ROAD A AC
DURHAM 27705 919 286-9663

KIHLSTROM, BRUCE LEE NS /GS 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

KILBRIDE, KEVIN ANTHONY P/GP 012
BOX 114, BROUGHTON HOSPITAL A AC
MORGANTON 28655 704 433-2476

KILBY-SIMPSON, MARTHA ANN 034
156 MUIRFIELD DR. A S
WINSTON-SALEM 27106 919 768-2403

KILBY, LARRY SHELTON FP /GER 097
505 13TH ST. AC
LOFLAND BLDG.
NORTH WILKESBORO 28659 919 667-3922

KILEFF, MOYRA ELEANOR AN 032
403 CLAYTON ROAD A P AC
CHAPEL HILL 27514 919 968-0611

KILEY, JAMES WILLIAM OPH 092
3320 EXECUTIVE DR. A P AC
RALEIGH 27609 919 876-2427

KILGORE, LARRY CHARLES FP 026
1430 BERKSHIRE RD. AC
FAYETTEVILLE 28304

KILLIAN, JOHN HUME OPH 011
276 E. CHESTNUT STREET A P * AC
ASHEVILLE 28801 704 255-8978

KILLINGER, WILLIAM ALLEN 032
109 HIDDEN VALLEY DR. R
CHAPEL HILL 27514 919 929-0619

KILPATRICK, GEORGE R., JR PUD /IM 041
1106 MCDOWELL DRIVE A AC
GREENSBORO 27408 919 275-7658

KILPATRICK, WILBUR KIRBY, JR. OBG 063
P. O. BOX 2000 A AC
PINEHURST 28374 919 295-1391

KIM, KYUNG-HWAE OBG 007
P. O. BOX 190 A AC
PLYMOUTH 27962 919 793-1194

KIM, SARAH AI 026
1317 MEDICAL DR. STE. #3 A AC
FAYETTEVILLE 28304 919 323-3890

KIM, TONG SU P 018
612 THIRD AVENUE, NE A P AC
HICKORY 28601 704 324-9900

KIM, WILLIAM NO CHUN OBG /OM 026
1317 MEDICAL DR. A AC
FAYETTEVILLE 28304 919 323-3890

KIM, YOUNG CUE IM 092
209 W. MILLBROOK ROAD A AC
RALEIGH 27609 919 781-5933

KIMBERLY, GEORGE DOUGLAS FP 034
158 HOSPITAL DR. A * AC
PO BOX 425
MOCKSVILLE 27028 704 634-2108

KIMBRELL, ODELL C., JR. IM /END 092
240 BRYAN BUILDING A AC
RALEIGH 27605 919 828-6393

KIMBROUGH, HOUSTON MAGILL, JR. U/GS 041
1025 PROFESSIONAL VILLAGE A P AC
GREENSBORO 27401 919 272-3962

KINARD, JAMES DONALD 074
33 WEST HILLS TOWNHOMES S
GREENVILLE 27834 919 852-6384

KINDSCHUH, PETER MICHAEL OBG 024
CROMARTIE RD. AC
PO BOX 2141
ELIZABETHTOWN 28337 919 862-3112

KING, DANA EDWIN FP 008
PO BOX 297 A AC
GATESVILLE 27938 919 357-1226

KING, DUNCAN INGRAHAM C. FP 045
506 7TH AVENUE, WEST A L
HENDERSONVILLE 28739 704 693-5331

KING, FRANCIS PARKER IM 025
210 WILSON POINT A RT
NEW BERN 28560 919 637-5411

KING, GLENDALL LEE ORS 036
902 COX ROAD, SUITE A A * AC
GASTONIA 28054 704 865-6487

KING, HARRY LEE OTO /HNS 018
336 10TH AVE., NE A * AC
HICKORY 28601 704 322-5120

KING, JAMES LEROY AN 092
1028 WASHINGTON ST. A P AC
RALEIGH 27605 919 833-5085

KING, JOHN TALBERT PD /CD 001
404 EDINBURGH DR. A RT
BURLINGTON 27215 919 226-5197

KING, JOSEPH JOHN, JR. ORS 090
701 ROOSEVELT BLVD., BLDG.600 A AC
MONROE 28110 704 289-4595

KING, LOWELL RESTELL U/PD 032
BOX 3831, DUMC A AC
DURHAM 27710 919 684-6994

KING, MICHAEL BRIAN CD /IM 054
313 AIRPORT ROAD AC
KINSTON 28501 919 522-2578

KING, MICHAEL EUSTERMAN ORS 034
3111 MAPLEWOOD AVE. AC
WINSTON-SALEM 27103 919 768-4110

KING, ROBERT THOMAS, III 032
BOX 2879, DUMC A S
DURHAM 27710 919 493-0267

KING, WALTER LEE OPH 018
336 10TH AVENUE, NE A P AC
HICKORY 28601 704 322-5120

KINLAW, JAMES BRADY, JR. FP 076
132-A W. MILLER STREET A AC
ASHEBORO 27203 919 625-1360

KINNAIRD, PAUL MCKEE, JR. PD 064
101 NASH MEDICAL ARTS MALL AC
ROCKY MOUNT 27804 919 443-8820

KINNE, EDMUND RICHARD OBG 045
6007 PERCIVAL RD., #1257 AC
COLUMBIA, SC 29206 803 782-7727

KINNEY, ROBERT BRUCE PTH 032
BOX 3712, DUMC A R
DURHAM 27710 919 684-3300

KINNEY, STEPHEN LEIGH 034
300 PERSHING AVE. APT. 102 A S
WINSTON-SALEM 27103 919 748-8220

KIRK, CHARLES DAYTON AN 092
RALEIGH ANESTHESIA ASSOC. A P AC
P. O. BOX 18139
RALEIGH 27619 919 872-4800

KIRKLAND, JOHN ALVIN OBG 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-9010

KIRKLEY, MARGARET ANNE FP 045
518 SIXTH AVENUE, WEST AC
HENDERSONVILLE 28739 704 697-7805

KIRKLEY, SIDNEY EUGENE IM 045
518 SIXTH AVENUE, WEST A AC
HENDERSONVILLE 28739 704 697-7805

KIRKMAN, HENRY NEIL, JR. PD 032
UNC, DEPT. OF PEDIATRICS AC
CHAPEL HILL 27514 919 966-4202

KIRKMAN, PAUL MADISON CD /IM 049
1318-B DAVIE AVENUE A AC
STATESVILLE 28677 704 872-8147

KIRKPATRICK, JOHN STEWART 032
704 W. CORNWALLIS RD. A R
DURHAM 27707 919 493-6525

KIRKSEY, WILLIAM ALBERT GP 012
302 S. KING STREET AC
MORGANTON 28655 704 437-1850

KIRSCH, MARK R 060
3041 VALENCIA TERRACE A P AC
CHARLOTTE 28211 704 371-4189

KISER, JEFFERSON B., JR. N 041
1910 N. CHURCH ST. A AC
GREENSBORO 27405 919 273-2511

KITCHEN, THOMAS WARD, JR. FP 067
510 COLLEGE STREET A P AC
JACKSONVILLE 28540 919 347-1788

KITCHENS, THOMAS RUSSELL PS 041
1507 WESTOVER TERR., STE. A A * AC
GREENSBORO 27408 919 373-0566

KITCHIN, ALVIN PAUL, JR. FP 090
1404 E. FRANKLIN STREET AC
MONROE 28110 704 283-1521

KITCHIN, TINA CIESIEL PD 092
4024 BARRETT DR. STE. 102 AC
RALEIGH 27609 919 782-0341

KITTINGER, JOSEPH WILLIAM, III GE 065
1202 MEDICAL CENTER DR. A AC
WILMINGTON 28401 919 341-3345

KITTNER, PHILIP JOEL OBG 011
80 VICTORIA ROAD A AC
ASHEVILLE 28801 704 255-8900

KIZEN, PAUL ANDREW OBG 070
1142 N. ROAD STREET A AC
ELIZABETH CITY 27909 919 335-2061

KLEIN, ALAN DR 034
631 LICHFIELD ROAD A AC
WINSTON-SALEM 27104 919 748-4316

KLEIN, DEYSY MARTINEZ AN 060
1901 RANDOLPH RD. A AC
CHARLOTTE 28207 704 375-5126

KLEIN, GEORGE FP 074
103 FLETCHER PLACE A AC
GREENVILLE 27834 919 757-4611

KLEIN, ROBERT EDWARD BLB 034
650 COLISEUM DRIVE A AC
WINSTON-SALEM 27106 919 725-4346

KLEIN, STEVEN RUSSELL IM 034
2933 MAPLEWOOD AVENUE A P AC
WINSTON-SALEM 27103 919 765-5250

KLIMAS, JOHN THOMAS A/PD 060
P. O. BOX 221189 AC
CHARLOTTE 28222 704 372-7900

KLOSTERMYER, BROOKS VAN SLYKE DR 076
1036 OAKMONT DRIVE A AC
ASHEBORO 27203 919 629-0774

KNECHTLE, STUART JOHNSTON GS 032
P. O. BOX 31156 A R
DURHAM 27710 919 684-8111

KNEEDLER, WILLIAM HARDING IM 013
C/O MR. & MRS. I.B. HUDSON A L
2305 BYRD ST.
RALEIGH 27608 704 782-3236

KNIGHT, EDWARD BERT, III PUD /IM 078
27TH STREET A AC
LUMBERTON 28358 919 738-7551

KNOEFEL, ARTHUR EUGENE, JR. FP 011
114 MONTREAT RD. A L
PO BOX 875
BLACK MOUNTAIN 28711 704 669-8121

KNOTT, LAWRENCE H., JR. GS /CDS 054
P. O. BOX 1316 A AC
KINSTON 28501 919 522-1626

KNOTT, RUFUS HENRY, II OTO /A 074
100 WILLIAMSBURG DRIVE AC
GREENVILLE 27834 919 752-5227

KNOX, ANGELINA VINLUAN EDRALIN PD 065
2304 DELANEY AVENUE A P AC
WILMINGTON 28401 919 763-3349

KNUPP, CHARLES LEONARD HEM /IM 074
ECU SCHOOL OF MEDICINE A AC
DEPT. OF MEDICINE
GREENVILLE 27834 919 757-2560

KNUTSON, THOMAS MARVIN EM /FP 096
P. O. BOX 10867 AC
GOLDSBORO 27530 919 731-6060

KOCAK, THEODORE JOSEPH FP 060
P. O. BOX 11438 A P AC
CHARLOTTE 28220 704 553-9474

KOCHEKIAN, KAREN LORRAINE PD 040
624 QUAKER LANE, STE. A-201 A AC
HIGH POINT 27262 919 841-7952

KOCONIS, CHRIST ALEXATOS OTO /HNS 060
1350 KINGS DRIVE A P AC
CHARLOTTE 28207 704 372-8750

KODACK, ALBERT FP /GYN 011
24 SUNSET SUMMIT A L
ASHEVILLE 28804 704 252-1131

KODROFF, MICHAEL BARRY PDR /NM 074
ECU DEPT. OF RADIOLOGY A P AC
GREENVILLE 27834 919 757-4972

KOEHLER, LISA ANN 032
201 CONNER DR., APT. #2 A S
CHAPEL HILL 27514 919 967-1393

KOHUT, ROBERT IRWIN OTO /HNS 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4161

KOHUT, WALTER DENNIS END /IM 041
1511 WESTOVER TERRACE A AC
GREENSBORO 27408 919 373-1054

KOKIKO, GEORGE VICTOR PTH /CLP 096
WAYNE COUNTY HOSPITAL P AC
CALLER BOX 8001
GOLDSBORO 27530 919 735-1530

KOMAN, L. ANDREW ORS /HS 034
300 S. HAWTHORNE RD. A * AC
WINSTON-SALEM 27103 919 748-2878

KOOKEN, KEITH ROBERT GS 034
2915 LYNDHURST AVENUE A AC
WINSTON-SALEM 27103 919 765-5221

KOOMEN, JACOB, JR. PH 092
909 DOGWOOD LANE A AC
RALEIGH 27607 919 834-4355

KOON, CRAWFORD BRYAN DR 032
2609 N. DUKE ST. A P AC
DURHAM 27704 919 471-8411

KOONTZ, ALAN AN 034
4260 ALLISTAIR ROAD AC
WINSTON-SALEM 27104 919 765-2767

KOONTZ, JACK ALEXANDER OM 074
E.I.DUPONT DE NEMOURS & CO. A * AC
P. O. BOX 800
KINSTON 28501 919 522-6100

KOONTZ, THOMAS JEFFREY GS 034
4250 ALLISTAIR ROAD A AC
WINSTON-SALEM 27104 919 765-5221

KOONTZ, WAYNE CARSON PD 080
720 GROVE STREET AC
SALISBURY 28144 704 636-5576

KOOPERSMITH, TINA BETH 032
BOX 2764, DUMC A S
DURHAM 27710

KOPELMAN, ARTHUR NPM 074
ECU SCHOOL OF MEDICINE A P AC
GREENVILLE 27834 919 757-4787

KOPP, ELLIOT JOSEPH RHU /AI 092
3831 MERTON DR. A AC
RALEIGH 27609 919 781-9633

KOPP, JEFFREY ALLEN FP 078
1212 S. WALNUT ST. AC
FAIRMONT 28340 919 628-6711

KORNEGAY, ALONZO DIXON ORS 034
3000 BETHESDA PL., STE. 601 P AC
WINSTON-SALEM 27103 919 760-0436

KORNEGAY, HERVY BASIL, SR. FP 096
238 SMITH CHAPEL ROAD A * AC
MOUNT OLIVE 28365 919 658-4954

KORNEGAY, LEMUEL WEYHER, JR. GS 064
1041 NOELL LANE AC
ROCKY MOUNT 27801 919 443-0168

KORNEGAY, RAYMOND DEWITT CDS /TS 092
2800 BLUE RIDGE BLVD.,STE. 306 A AC
RALEIGH 27607 919 782-7900

KORNEGAY, ROBERT DUMAIS GS 064
1041 NOELL LANE A L
ROCKY MOUNT 27801 919 443-0168

KOSERUBA, GEORGE MICHAEL PD 065
1628 DOCTOR'S CIRCLE A L
WILMINGTON 28401 919 763-2476

KOSFELD, SCOTT LEE 034
401 S. SUNSET DR. A S
WINSTON-SALEM 27103 919 722-9025

KOSSOVE, ALBERT ANTHONY IM /NTR 060
1530 ELIZABETH AVENUE A L
CHARLOTTE 28204 704 377-5984

KOSSOVE, IRENE LEVY IM /GYN 060
1530 ELIZABETH AVENUE A L
CHARLOTTE 28204 704 377-5984

KOUFMAN, JAMES ALAN OTO /HNS 034
BOWMAN GRAY, DIV. OTO A * AC
WINSTON-SALEM 27103 919 748-4161

KOURI, DAVID LAWRENCE 034
1935 W. FIRST ST. A S
WINSTON-SALEM 27104 919 723-7169

KOURI, EDWARD WILLIAMS R 060
3535 RANDOLPH RD., STE. 102 A AC
CHARLOTTE 28211 704 365-0343

KOURI, MOSES LAWRENCE, JR. FP 060
6900 FARMINGDALE DR. A AC
CHARLOTTE 28212 704 536-1362

KOURI, WILLIAM HERBERT FP 060
6900 FARMINGDALE DR. A AC
CHARLOTTE 28212 704 536-1362

KOURY, GEORGE ELI IM /CD 001
1821 HILTON ROAD AC
BURLINGTON 27215 919 226-9300

KRABILL, LAWRENCE DAVID IM /RHU 098
1700 S. TARBORO ST. A P AC
WILSON 27893 919 291-1300

KRAMER, NORMAN JOHN IM /END 060
3535 RANDOLPH ROAD, STE. 300 A AC
CHARLOTTE 28211 704 365-0760

KRAMER, STEPHEN IRWIN P 034
4205 HOLLOW OAK CT. A AC
WINSTON-SALEM 27104 919 768-4730

KRAMER,HAL PAUL, LT. MC,USNR 000
1718 AFTON AVE. A R
CHARLESTON, SC 29407

KRATZ, ROBERT KEVIN EM /IM 092
3000 NEW BERN AVE. AC
RALEIGH 27610 919 782-3969

KRAUS, ERIC MARSHALL OTO /MFS 041
321 W. WENDOVER AVENUE A * AC
GREENSBORO 27408 919 379-9445

KRAYBILL, ERNEST NISSLEY PD /NPM 032
UNC, DEPT. OF PEDIATRICS AC
CHAPEL HILL 27514 919 966-5063

KREDEL, ERNST KARL WILHELM OM /PH 067
U.S. NAVAL HOSPITAL A AC
BOX 8, MCB
CAMP LEJEUNE 28542 919 451-2181

KREGE, JOHN WILSON ORS 041
1505 PEMBROKE RD. A AC
GREENSBORO 27408 919 275-0927

KREMERS, SCOTT ALEX PUD /CD 060
1928 RANDOLPH ROAD, STE. 206 A P AC
CHARLOTTE 28207 704 375-9932

KRESHON, MARTIN JOHN OPH 060
1600 E. THIRD STREET A P * AC
CHARLOTTE 28204 704 372-3300

KRINER, ARTHUR FREDERICK DR 041
P. O. BOX 13005 A P AC
GREENSBORO 27405 919 379-4141

KROEGER, RICHARD JAMES GE /IM 054
1802 OXFORD ROAD AC
KINSTON 28501 919 522-0285

KROHN, JOHN RAMON PS 065
2305 CANTERWOOD DR. A AC
WILMINGTON 28401 919 343-0119

KROLL, LARRY LEROY ORS 011
53 S. FRENCH BROAD ST. A AC
ASHEVILLE 28801 704 252-7180

KRONCKE, FREDERICK GEORGE, JR. OBG 064
200 NASH MEDICAL ARTS MALL A AC
ROCKY MOUNT 27801 919 443-5941

KROOVAND, ROY LAWRENCE U/PD 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4131

KRUEGER, ALAN LEE P 011
CALEDONIA ROAD A * AC
P. O. BOX 5534
ASHEVILLE 28813 704 253-3681

KRUM, RONALD EUGENE FP 045
P. O. BOX 5420 A P AC
FLETCHER 28732 704 687-1416

KRUSE, RICHARD STEVEN DR /NM 063
PO BOX 1795 A P AC
SOUTHERN PINES 28387 919 692-9667

KRYSTAL, ANDREW DARRELL 032
811 VICKERS AVE. A S
DURHAM 27701 919 688-0577

KU, ANDREW DR 032
311 S. LASALLE ST. APT. 36-F A R
DURHAM 27705

KUHN, CATHERLINE MARY 032
308 HEMLOCK DR. A S
CHAPEL HILL 27514 919 929-1356

KUK, DENNIS STANLEY OBG /GYN 098
1704 S. TARBORO STREET A AC
WILSON 27893 919 291-7001

KULP, KENNETH ROBERT D 034
1900 S. HAWTHORNE RD. STE. 358 A AC
WINSTON-SALEM 27103 919 768-4382

KUMAR, KAMLESH PUD /IM 064
108 N. ENGLEWOOD DR. AC
ROCKY MOUNT 27801 919 443-1126

KUMAR, SATISH KUMAR PUD /IM 064
108 N. ENGLEWOOD DR. AC
ROCKY MOUNT 27801 919 443-1126

KUNKEL, COOPER DAVE, III OPH 025
802 MCCARTHY BLVD. A P AC
NEW BERN 28560 919 633-4183

KUNO, RITSU IM /ID 032
CHALET I, GREENE ST. A S
CHAPEL HILL 27514 919 942-4992

KUNSTLING, CARL RICHARD EM /GS 054
720 JONES AVENUE A * AC
KINSTON 28501 919 522-7272

KUNSTLING, TED RICHARD PUD /IM 092
1212 CEDARHURST DR. A AC
RALEIGH 27609 919 872-4850

KURAD, JOSEPH WARD U 018
1202 N. CENTER STREET A P AC
HICKORY 28601 704 322-4340

KURTEN, LOUIS JOHN IM /CD 026
2826 MILLBROOK RD. A RT
FAYETTEVILLE 28303 919 484-8058

KURTZ, ELAM STOLTZFUS FP 005
P. O. BOX 227 A AC
LANSING 28643 919 384-3326

KURZMANN, RICHARD WALTER OBG 092
2800 BLUE RIDGE BLVD. STE. 206 AC
RALEIGH 27607 919 781-7450

KUSHNICK, THEODORE PD 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-2529

KUSUMI, YOSHITARO P/PYM 092
1004 DRESSER COURT, STE. 106 A AC
RALEIGH 27609 919 876-5530

KUTTEH, HANNA CONSTANTINE GYN 049
564 BROOKDALE DRIVE AC
STATESVILLE 28677 704 872-6321

KUZMA, GARY ROBERT HS /ORS 011
34 GRANBY STREET A P AC
ASHEVILLE 28801 704 258-0847

KWIATKOWSKI, PETER FRANK IM 041
408-B PARKWAY DR. A AC
GREENSBORO 27401 919 275-9804

KYLSTRA, JOHANNES ARNOLD PUD /A 032
BOX 2958, DUMC AC
DURHAM 27710 919 684-3069

LACKEY, ROBERT STEVENSON R/FP 060
2118 PINEWOOD CIRCLE A * AC
CHARLOTTE 28211 704 365-0343

LACROIX, CAROL ANN FP 084
320 YADKIN STREET A AC
ALBEMARLE 28001 704 982-9144

LACY, GEORGE RUFUS, JR. PTH /CLP 011
14 FOREST ROAD A L/RT
ASHEVILLE 28803 704 255-4270

LADD, ROBERT JULIUS GS /EM 060
3323 WINDBLUFF DR. A P AC
MATTHEWS 28105 704 542-8271

LADWIG, HAROLD ALLEN N 098
1600 CANAL DRIVE A AC
WILSON 27893 919 237-5877

LADWIG, STEPHEN HAROLD DR /NM 064
NASH GENERAL HOSPITAL AC
ROCKY MOUNT 27801 919 443-8083

LAFAVE, MARK STEVEN 034
401 MILLER ST. S
WINSTON-SALEM 27103 919 724-4289

LAFFERTY, JOHN MORRISON OBG 012
VALDESE DOCTOR'S CLINIC A AC
VALDESE 28690 704 874-2251

LAHSER, CHARLES IRVING PD 036
902-C COX ROAD A RT
GASTONIA 28052 704 867-5356

LAI, CHI-KWONG CD /IM 049
P. O. BOX 1460 AC
STATESVILLE 28677 704 873-0281

LAIRD, WILLIAM KENNETH PS 060
1900 RANDOLPH RD. STE. 300 A P AC
CHARLOTTE 28207 704 332-4161

LAL, MADAN OPH 051
925 SELMA RD. AC
PO BOX 239
SMITHFIELD 27577 919 934-3108

LALONDE, JOHN CHARLES FP 041
104 E. NORTHWOOD ST. * AC
GREENSBORO 27401 919 275-6445

LAM, DOUGLAS EDWARD FP 063
105 PERRY DRIVE AC
SOUTHERN PINES 28387 919 692-4802

LAMANNA, ROGER WEED NEP /IM 098
1700 TARBORO STREET AC
WILSON 27893 919 291-1300

LAMAY, EDWARD NORMAN 034
448 HAWTHORNE RD. A S
WINSTON-SALEM 27103 919 722-5371

LAMBERT, JAMES ROYALL FP 096
238 SMITH CHAPEL RD. A AC
MOUNT OLIVE 28365 919 658-4954

LAMBETH, WILLIAM ARNOLD, III PS /GS 092
1112 DRESSER COURT A P AC
RALEIGH 27609 919 872-2616

LAMBETH, WILLIAM RICK OBG 032
2609 N. DUKE STREET, STE. 204 A AC
DURHAM 27704 919 471-8402

LAMM, LEROY BARDEN P 080
P. O. BOX 427 A AC
ROCKWELL 28138 704 279-7034

LAMPLEY, CHARLES GORDON, III OBG 023
P. O. BOX 1807 A P AC
SHELBY 28150

LAND, MICHAEL ROY OBG 060
150 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0461

LANDIS, EDWARD EVERETT, JR. PUD /IM 060
1350 KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

LANDON, HENRY CLAYTON,III FP /IM 097
501 TENTH STREET A AC
NORTH WILKESBORO 28659 919 838-5761

LANE, CHARLES JENKINS 074
2905-H CEDAR CREEK RD. A S
GREENVILLE 27834 919 758-2884

LANE, JERALD PAUL P 060
1900 RANDOLPH RD., STE. 918 A AC
CHARLOTTE 28207 704 333-7722

LANE, JOHN WESTON OBG 032
2808 GRETMAR DR. AC
DURHAM 27705 919 942-8571

LANE, ROBERT EARL FP 021
118 W. MARKET STREET A AC
P. O. BOX 487
HERTFORD 27944 919 426-5711

LANE, TIMOTHY WALTER ID /IM 041
1200 N. ELM ST. AC
GREENSBORO 27401 919 379-4062

LANG, ANDREW MARTIN FP 012
2203 S. STERLING STREET A AC
MORGANTON 28655 704 437-4211

LANG, DELANO ROOSEVELT, JR. FP 008
ROANOKE CHOWAN HOSPITAL AC
AHOSKIE 27910 919 332-3560

LANG, STEPHEN NORMAN ORS 032
2609 N. DUKE ST., STE. 301 A P AC
DURHAM 27704 919 471-8431

LANGDELL, ROBERT DANA PTH /BLB 032
UNC SCHOOL OF MEDICINE,228-H A AC
CHAPEL HILL 27514 919 966-4333

LANGLEY, CHARLES PITMAN, III IM 023
808 SCHENCK STREET A AC
SHELBY 28150 919 482-1482

LANGLEY, JOHN THOMAS ORS 054
KINSTON CLINIC, NORTH, STE. F A P AC
KINSTON 28501 919 522-2020

LANGSTON, BERNARD LEROY, III GP 010
P. O. BOX 1934 AC
SHALLOTTE 28459 919 754-8731

LANIER, VERNE CLIFTON, JR. PS /GS 032
300 CRUTCHFIELD ST. A P AC
DURHAM 27704 919 471-3406

LANINGHAM, JAMES E. THOMAS PTH /BLB 063
P. O. BOX 3000 A P AC
MOORE MEMORIAL HOSPITAL
PINEHURST 28374 919 295-7978

LANNIN, DONALD ROWE GS 074
ECU, DEPT. OF SURGERY A AC
GREENVILLE 27834 919 757-4629

LANNING, CHARLES FREDRIC AN 092
14208 ALLISON DR. A AC
RALEIGH 27614 919 832-7988

LANSING, ANN MEREDITH IM 011
203-A DOCTORS BLDG. AC
ASHEVILLE 28801 704 255-8835

LAPP, CHARLES WARREN IM /PD 092
3400 EXECUTIVE DRIVE A AC
RALEIGH 27609 919 878-0900

LAPRADE, BENNETT WATTERSON OBG 054
1901 HAMPTON ROAD A AC
KINSTON 28501 919 527-7605

LARGE, HIRAM LEE, JR. PTH 060
7443 WINDYRUSH ROAD A L/RT
MATTHEWS 28105 704 542-9830

LARKIN, ERNEST WADDILL, III PTH 074
ECU SCH. OF MED., BRODY 1F79 A AC
GREENVILLE 27834 919 757-4495

LARKIN, ERNEST WADDILL, JR. OPH 007
211 N. MARKET STREET A AC
WASHINGTON 27889 919 946-2171

LAROCHE, LAURENT P. OM /GPM 041
3303 HENDERSON ROAD A AC
GREENSBORO 27410 919 852-3770

LARSEN, ERIC GS /CDS 063
P. O. BOX 2000 A P AC
PINEHURST 28374 919 295-1762

LARSEN, LARS CHRISTIAN FP 026
1601 OWEN DRIVE A AC
FAYETTEVILLE 28304 919 323-1152

LARSON, JOHN DAVID, JR. EM /OBG 092
8100 BENTWOOD PLACE A * AC
RALEIGH 27609 919 755-8500

LARSON, RICHARD MARTIN GS /CDS 074
10 DOCTORS PK,
STANTONSBURG RD A AC
GREENVILLE 27834 919 758-1747

LASHLEY, CURTIS RAY OM 041
PILOT LIFE INSURANCE CO. A AC
P. O. BOX 20727
GREENSBORO 27420 919 299-4720

LASSITER, KENNETH ROBERT LEE NS 060
1900 RANDOLPH RD., SUITE 502 A AC
CHARLOTTE 28207 704 372-8860

LASSITER, RICHARD EDWARD OBG 032
CONNER DRIVE PROF. BLDG AC
CHAPEL HILL 27514 919 942-8571

LASSITER, TALLY EDWARD FP 007
619 E. 12TH STREET AC
WASHINGTON 27889 919 946-1193

LASSITER, WILL HARDEE, JR. GP 051
ROUTE #3, BOX 90 A L/RT
FOUR OAKS 27524 919 934-8783

LASSITER, WILLIAM EDMUND NEP /IM 032
UNC SCHOOL OF MEDICINE AC
CHAPEL HILL 27514 919 966-4275

LASTER, DAN WAYNE R 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4435

LATOURETTE, KENNETH ABRAM PTH 045
P. O. BOX 177 A L/RT
FLAT ROCK 28731 704 692-1641

LAUER, THOMAS EUGENE P 040
624 QUAKER LN., STE. A-111 AC
HIGH POINT 27262 919 889-4122

LAUPUS, WILLIAM EDWARD PD /PNP 074
ECU SCH. OF MED. DEAN'S OFF. A AC
GREENVILLE 27834 919 757-2201

LAURENS, JOHN CRS 011
445 BILTMORE CENTER, STE. 303 A AC
ASHEVILLE 28801 704 258-8181

LAUZAU, FRANK JUSTIN IM 079
518 S. VAN BUREN RD. #7 AC
EDEN 27288 919 623-4304

LAVENDER, DICK REDMOND ORS 041
201 E. WENDOVER AVENUE A AC
GREENSBORO 27401 919 275-6318

LAVIETES, WILLIAM PAUL 074
1809 E. FIFTH ST., #14 A S
GREENVILLE 27834

LAWING, DANIEL PHILMON GP 055
212 E. WATER STREET AC
LINCOLNTON 28092 704 735-5888

LAWLESS, MICHAEL RHODES PD 034
DEPT. OF PEDIATRICS * AC
BOWMAN GRAY SCH. OF MED.
WINSTON-SALEM 27103 919 727-8108

LAWRENCE, BENJAMIN JONES, JR. GS /PS 086
813 ROCKFORD ST. A AC
PO BOX 72
MOUNT AIRY 27030 919 786-7871

LAWRENCE, BENJAMIN JONES, SR. GS 092
3003-A LAWRELYN DRIVE A L
MOUNT AIRY 27030 919 786-2925

LAWRENCE, HAL CLIFFORD, III OBG 011
93 VICTORIA ROAD A AC
ASHEVILLE 28801 704 253-4821

LAWRENCE, JOHN CHARLES GS 078
P. O. BOX 1068 AC
LUMBERTON 28358 919 738-8571

LAWRENCE, JOHN ELMORE, JR. CD /IM 011
554 CHUNNS COVE ROAD A AC
ASHEVILLE 28805 704 254-8054

LAWRENCE, PATRICIA ANN OBG 060
1012 S. KINGS DR. STE. 624 A AC
CHARLOTTE 28283 704 372-6201

LAWRENCE, ROBERT L. OTO /HNS 041
321 W.WENDOVER AVENUE A AC
GREENSBORO 27408 919 379-9445

LAWRENCE, THOMAS EARL 032
K-8 TAR HEEL MANOR APTS A S
CARRBORO 27510 919 967-3398

LAWSON, EDWARD EARLE NPM 032
509 BURNETTE-WOMACK BLDG. A AC
UNC, DEPT. OF PED. 229-H
CHAPEL HILL 27514 919 966-5570

LAWSON, JAMES DOUGLAS CDS /GS 041
1317 N. ELM ST., STE. 1 A AC
GREENSBORO 27401 919 373-8245

LAYTON, DENNIS SHELDON IM 060
7110 LAWYERS ROAD AC
CHARLOTTE 28212 704 568-6500

LE CROY, CHARLES MICHAEL, JR. 032
134 LANDSBURY DR. A S
DURHAM 27707 919 493-9264

LEACH, WILLIAM B. PTH 065
306 WIDGEON DR. A RT
HAMPSTEAD 28443 919 270-4772

LEAK, FRANK WALTER FP 082
CLINTON MEDICAL CLINIC AC
CLINTON 28328 919 592-6011

LEAKE, ARTHUR ELDRIDGE, JR. AN 011
54 WESTALL AVENUE A P * AC
ASHEVILLE 28804 704 255-3743

LEAKE, LAWRENCE ALBERT EM 023
RT. #2, BOX 144-L A AC
CHERRYVILLE 28021 704 739-3601

LEATH, THOMAS EDWARD FP 060
112 HERMITAGE ROAD AC
CHARLOTTE 28207 704 332-8635

LEBAUER, EDMUND JOSEPH CD 041
1409 PEMBROKE ROAD A P AC
GREENSBORO 27408 919 378-0774

LEBAUER, EUGENE SHANER IM /A 041
1409 PEMBROKE ROAD AC
GREENSBORO 27408

LEBAUER, MAURICE LEON GS 041
2023 ST. ANDREWS RD. A L/RT
GREENSBORO 27408 919 273-3258

LEBAUER, SAMUEL MORGENSTERN GE /IM 041
1409 PEMBROKE ROAD AC
GREENSBORO 27408 919 378-0774

LEBAUER, SIDNEY FERRING IM 041
1409 PEMBROKE DRIVE A L
GREENSBORO 27408 919 378-0774

LEBLANC, HOBSON EDMOND, JR. FP 034
4055 SOUTH, 650 WEST A R
RIVERDALE, UT 84405

LEBLANG, MICHAEL NEAL FP 060
4101 CENTRAL AVENUE A AC
CHARLOTTE 28205 704 537-0020

LEBLANG, STEVEN SETH FP 033
101 CLINIC DR. AC
PINETOPS 27864 919 827-5135

LEDBETTER, JOHN WINSLOW N 011
7 MCDOWELL STREET A P AC
ASHEVILLE 28801 704 255-7776

LEE, ALLEN HENRY GP 051
P. O. BOX 8 A P AC
SELMA 27576 919 965-3251

LEE, CHOO HYUNG IM /HEM 012
BROUGHTON HOSPITAL A AC
MORGANTON 28655 704 433-2501

LEE, DAE HEE FP 001
2142 N. CHURCH STREET P AC
BURLINGTON 27215 919 227-7456

LEE, FRANCIS BROWN GS 090
501 S. CHURCH ST. A L/RT
PO BOX 457
MONROE 28110 704 283-4324

LEE, HENRY NEILL, JR. IM 078
395 WEST 27TH STREET A AC
LUMBERTON 28358 919 739-7551

LEE, IL SUNG IM /PUD 011
P. O. BOX 370 AC
ENKA 28728 704 667-5298

LEE, J. GARY OTO /HNS 041
321 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 379-9445

LEE, JAMES MOBLEY TS 041
1317 N. ELM ST., STE. 1 A AC
GREENSBORO 27401 919 373-8245

LEE, JESSE THOMAS, III IM 074
DOCTOR'S PARK, APT. J-1 A R
GREENVILLE 27834 919 757-1905

LEE, JOSEPH DAVID R 055
P. O. BOX 954 AC
LINCOLNTON 28092 704 735-6654

LEE, JOSEPH, III FP 023
711 W. MOUNTAIN STREET AC
KINGS MOUNTAIN 28086 704 739-5456

LEE, K. STUART NS 034
325 JANET ST. A R
WINSTON-SALEM 27104 919 748-2011

LEE, KYU YONG GP 063
MCCAIN HOSPITAL AC
MCCAIN 28361 919 944-2351

LEE, KYUNG KUN GS 012
P. O. BOX 2203 AC
MORGANTON 28655 704 433-2463

LEE, MICHAEL EDWARD 032
UNC, 660 CRAIGE RESIDENCE HALL A S
CHAPEL HILL 27514 919 933-7156

LEE, MYOUNG WOON OBG /GS 092
1001 NAVAHO DRIVE AC
RALEIGH 27609 919 872-3372

LEE, SAE SOON GS /PDS 012
350 E. PARKER RD. A P AC
PO BOX 1054
MORGANTON 28655 704 437-7395

LEE, SARA HEATH COLLINS 032
100 ROLLINGWOOD ROAD A S
CHAPEL HILL 27514 919 929-5242

LEE, SOONG HYUN P 064
106 NASH MEDICAL ARTS MALL AC
ROCKY MOUNT 27801 919 443-8002

LEE, TERRENCE JOHN ID /IM 011
445 BILTMORE CENTER, STE. 404 AC
ASHEVILLE 28801 704 258-9635

LEE, THOMAS CHEN-YAO GS 043
703 TILGHMAN DRIVE AC
P. O. BOX 1501
DUNN 28334 919 892-1631

LEE, WILLIAM DAVID FP 092
3100 BLUE RIDGE RD., STE. 302 AC
RALEIGH 27612 919 782-0146

LEE, YEN CHICH AN 060
5419 MIRABELL RD. A P AC
CHARLOTTE 28226 704 371-4049

LEE, YING HUEY GS 055
P. O. BOX 636 A P AC
LINCOLNTON 28092 704 735-2554

LEEPER, WILLIAM EDWARD, JR. IM 036
2525 PINEWOOD RD. A RT
GASTONIA 28054 704 867-6798

LEET, DOUGLAS CHARLES U 092
1108 DRESSER COURT AC
RALEIGH 27609 919 782-9372

LEFKOWITZ, DAVID, III PDA /PD 060
P. O. BOX 221189 AC
CHARLOTTE 28222 704 372-7900

LEFLER, CHARLES IM 088
WATER OAKES SUITES A AC
BREVARD 28782 704 884-4134

LEFLER, RUFUS STAMEY, III IM /CD 084
214 E. NORTH STREET A AC
ALBEMARLE 28001 704 982-1136

LEFLER, WADE HAMPTON, JR. OPH 018
P. O. BOX 2588 A AC
HICKORY 28601 704 322-2050

LEGRAND, GORDON BUCK PTH 092
3000 NEW BERN AVENUE A AC
RALEIGH 27610 919 755-8260

LEHAN, LEIGH STEELE PD 092
2800 BLUE RIDGE RD., STE. 501 AC
RALEIGH 27607 919 781-7490

LEIBY, GEORGE MARTIN GPM 084
5201 ROMA AVE., NE A L/RT
ALBUQUERQUE, NM 87108 505 898-1384

LEIDY, LUANN P 032
500 DUPONT ROAD, APT. 41 A R
DURHAM 27705 919 383-1149

LEIGHT, GEORGE STAPLES, JR. GS 032
2 SURREY LANE A AC
DURHAM 27707 919 684-6849

LEINBACH, LAURENCE B. DR 034
BOWMAN GRAY SCH. OF MED. A AC
WINSTON-SALEM 27103 919 748-3416

LEMASTER, PIERRE CLIFFORD PD 026
1291 OLIVER STREET AC
FAYETTEVILLE 28304 919 483-2646

LEMLY-MUNDY, REGINA GAIL IM 034
752 PINE LAKE DR. A R
VIRGINIA BEACH, VA 23462 804 486-6084

LENAHAN, DEBORAH SMITHERMAN OPH 029
12 N. MAIN STREET A P AC
LEXINGTON 27292 704 243-2436

LENDLE, DONALD LAWRENCE FP 034
147 COLUMBINE DR. AC
WINSTON-SALEM 27106 919 722-9535

LENINGTON, KENNETH T. P 045
800-A N. FLEMING ST. AC
HENDERSONVILLE 28739 704 692-5741

LENNON, HERSHEL C. PTH 041
911 SUNSET DR. L/RT
GREENSBORO 27408 919 272-5038

LENNON, YATES ALTON 074
APT. 13-E COURTNEY SQUARE A S
GREENVILLE 27834 919 648-4158

LEONARD, DONALD DEAN PTH 041
1200 N. ELM STREET A AC
GREENSBORO 27401 919 379-4074

LEONARD, JACOB CALVIN, JR. OTO /OPH 029
119 W. SECOND AVE. A L/RT
LEXINGTON 27292 704 246-5295

LEONARD, JOHN RICHARD, III NS 074
125 MOYE BOULEVARD A P * AC
GREENVILLE 27834 919 752-5156

LEONARD, MARILYN JEAN 074
#18 GLENWOOD APTS. A S
GREENVILLE 27834 919 758-0713

LEONARD, RALPH BEAUMONT EM 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-4626

LEONARD, WALTER EVAN FP 018
130 27TH STREET, S.W. AC
HICKORY 28601 704 322-1153

LEONE, CHERYL LEVINE PTH 036
1740 MONTCLAIR AVENUE AC
GASTONIA 28054 704 866-2851

LEONE, MICHAEL RALPH GS 041
1317 N. ELM ST., STE. 5 A P * AC
PO BOX 10037
GREENSBORO 27404 919 274-8444

LEONE, PHILIP GEORGE PTH 036
1740 MONTCLAIR AVENUE A AC
GASTONIA 28054 704 866-2851

LEONHARDT, GARY GENE 074
304 S. JARVIS ST. A S
GREENVILLE 27834 919 758-0978

LERNER, MARK HARRIS 032
14 MELSTONE TURN A S
DURHAM 27707 919 489-2970

LERNER, PAUL U 011
1 DOCTOR'S PARK AC
ASHEVILLE 28801 704 253-5314

LESESNE, HENRY ROBY GE /IM 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-2511

LESHER, DONALD TICE DR 081
909 N. WASHINGTON STREET A P AC
RUTHERFORDTON 28139 704 287-7371

LESLIE, JOHN BRUCE AN 032
BOX 3094, DUMC A AC
DURHAM 27710 919 684-6931

LESSER, PHILIP STEVEN CHN /N 060
1900 BRUNSWICK AVENUE A AC
CHARLOTTE 28207 704 377-9323

LESSEY, BRUCE ARTHUR OBG 032
1303 LAKEWOOD AVE. R
DURHAM 27707 919 489-8831

LESTER, ROBERT HILTON OBG 036
902 COX ROAD, SUITE F A AC
GASTONIA 28054 704 867-6386

LETTIERI, SALVATORE CARMINE 034
416 LOCKLAND AVE. A S
WINSTON-SALEM 27103 919 723-1839

LEUNG, CYRIL YIU-CHUN 032
BOX 2745, DUMC A S
DURHAM 27710 919 383-6245

LEVI, GEORGE ALBERT OPH 026
1629 OWEN DRIVE A P L
FAYETTEVILLE 28304 919 484-6144

LEVIN, KENNETH JAY AN 032
NCMH, DEPT. OF ANES. A AC
CHAPEL HILL 27514 919 966-2273

LEVIN, STUART JEFFREY 032
0-9 OLD WELL APTS. A S
CARRBORO 27510 919 968-1623

LEVINE, GARY IRA FP 074
BOX 1846 A AC
GREENVILLE 27834 919 757-4611

LEVINE, JONATHAN KEITH 032
B-2 THE VILLAGES APTS. A S
CARRBORO 27510 919 929-4399

LEVINE, JONATHAN LEWIS OBG 034
406 FORSYTH MEDICAL PARK AC
WINSTON-SALEM 27103 919 765-4533

LEVINE, RONALD H. PH /PD 092
2404 WHITE OAK ROAD A * AC
RALEIGH 27609 919 782-0838

LEVINSON, SIDNEY LEONARD GE /IM 032
891 W. WILLOW DRIVE AC
CHAPEL HILL 27514 919 942-5123

LEVITIN, PETER MARK IM /RHU 041
1904 N. CHURCH STREET A AC
GREENSBORO 27405 919 274-3241

LEVITT, STEPHEN ROBERT P 032
500 EASTOWNE DRIVE AC
CHAPEL HILL 27514 919 942-8761

LEVY, STANLEY BENJAMIN D 032
891 WILLOW DRIVE A * AC
CHAPEL HILL 27514 919 942-3106

LEWIS, ANDREW JACKSON, JR. OBG 060
1900 RANDOLPH RD., STE. 602 AC
CHARLOTTE 28207 704 377-5675

LEWIS, ARCH RITCHIE IM /PUD 034
3110 ST. REGIS RD. A AC
GREENSBORO 27408 919 379-6961

LEWIS, CHARLES PELL, JR. OPH /OTO 079
1307 COACH RD. A * AC
PO BOX 329
REIDSVILLE 27320 919 342-0588

LEWIS, CLIFFORD WHITFIELD OBG /OBS 040
322 WOODROW AVENUE A L
HIGH POINT 27262 919 882-2830

LEWIS, DANIEL MICHAEL D 060
3535 RANDOLPH RD. STE. 101-W A AC
CHARLOTTE 28211 704 364-6110

LEWIS, DOCKERY DURHAM, JR. PD 049
P. O. BOX 1460 AC
STATESVILLE 28677 704 878-2011

LEWIS, JOHN MERIWETHER AN 034
DEPT. OF ANESTHESIA AC
BOWMAN GRAY MEDICAL SCHOOL
WINSTON-SALEM 27103

LEWIS, LARRY STEWART GS 074
DEPT. OF SURGERY A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-4629

LEWIS, MARTIN THOMAS GP 016
P. O. BOX 179 A AC
BEAUFORT 28516 919 728-4491

LEWIS, NEWMAN MAXVILLE IM 049
P. O. BOX 1460 * AC
STATESVILLE 28677 704 878-2011

LEWIS, WILLIAM RALPH,III GS 032
1275 WELLER WAY A R
SACRAMENTO, CA 95818 213 539-5089

LHOTSKY, DORA MIROSLAVA GE /IM 041
1409 PEMBROKE RD., STE. 200 AC
GREENSBORO 27408 919 378-0774

LI, GEORGE IM 032
15-L RIVER BIRCH RD. A R
DURHAM 27705 919 383-9848

LIAO, FU CHE OTO 083
P. O. BOX 1407 A AC
LAURINBURG 28352 919 276-8205

LICHSTEIN, PETER RIBACK IM 074
ECU DEPT. OF MEDICINE A AC
GREENVILLE 27834 919 757-4633

LICHTENSTEIN, GARY ROTH 032
3204-F MYRA ST. A R
DURHAM 27707 919 383-9775

LIDE, THOMAS NORWOOD PTH 034
10 SOVEREIGN DRIVE A L/RT
HILTON HEAD ISLAND, SC 29928 803 681-6815

LIEBSCHER, GREGORY JOHN 034
1605 NORTH WEST BLVD. A S
WINSTON-SALEM 27104 919 777-1279

LIES, STEPHEN CRAIG OBG 096
2400 WAYNE MEM. DR. STE. K A AC
GOLDSBORO 27530 919 734-3344

LIGON, HAROLD BELTON FP 011
MEDICAL CENTER BUILDING AC
ASHEVILLE 28801 704 252-1585

LILES, GEORGE WELCH GS 013
306 PROFESSIONAL BUILDING A AC
KANNAPOLIS 28081 704 932-4169

LILES, RICHARD VERNON, JR. FP 084
320 YADKIN STREET A AC
ALBEMARLE 28001 704 982-9144

LIMBER, GERALD KECK PTH 076
1867 BACKCREEK COURT A AC
ASHEBORO 27203 919 625-5151

LIMPERT, GEORGE HENRY FP 034
1124 FENIMORE ST. A R
WINSTON-SALEM 27103 919 723-4806

LIN, JANET CHYNG-JIAU 032
311 S. LASALLE ST. APT. 40E A S
DURHAM 27705 919 286-7851

LINA, JOHN RAYMOND DR /R 063
203 RIDGEVIEW ROAD A AC
SOUTHERN PINES 28387 919 295-7040

LINCOLN, CLINTON ROBERT ORS 032
1828 HILLANDALE ROAD A AC
DURHAM 27705 919 286-1249

LINCOLN, DAVID OGDEN ORS 011
41 CHOCTAW STREET A AC
ASHEVILLE 28801 704 255-7526

LINDER, DONALD EARLE AN 041
1005 ROLLINGWOOD DRIVE P AC
GREENSBORO 27410 919 852-1567

LINDERMAN, JAMES ALAN PD 060
167-L S. TRADE ST. AC
PO BOX 2564
MATTHEWS 28106 704 847-0572

LINDLEY, JOSEPH J. GS 001
KERNODLE CLINIC AC
BURLINGTON 27215 919 227-3621

LINDOW, LARRY GENE IM /GP 060
1949 CLEMATIS DRIVE A AC
CHARLOTTE 28211 704 365-3900

LINDQUIST, RICHARD KURT OBG 012
2203 S. STERLING ST., STE. 132 AC
MORGANTON 28655 704 437-6122

LINDSAY, MIRACLE YVONNE 074
APT. N-3, DOCTOR'S PARK A S
GREENVILLE 27834 919 752-3793

LINDSAY, ROBERT BOYD IM 032
904 KINGS MILL ROAD A L/RT
CHAPEL HILL 27514 919 942-6136

LINEBERGER, THOMAS H. IM 063
1901-C N. SANDHILL BLVD. A AC
ABERDEEN 28315 919 692-4011

LINFORS, EUGENE WILLIAM IM 032
306 S. GREGSON ST. A AC
DURHAM 27701 919 682-5561

LINK, ARTHUR STANLEY, JR. ID /IM 034
1401-B OLD MILL CIRCLE A P AC
WINSTON-SALEM 27103 919 765-8420

LINK, KERRY MICHAEL 034
300 S. HAWTHORNE RD.,BOX 265 A R
WINSTON-SALEM 27103 919 724-4498

LINK, MELVIN ROBERT OTO 060
3323 STANWYCK COURT A L/RT
CHARLOTTE 28211 704 364-2111

LINSTER, DOROTHY MAE OBG 092
11613 APPALOUSA RUN WEST AC
RALEIGH 27612

LINTHICUM, ELIZABETH ADAMS 032
107 NORTHAMPTON PLAZA APTS. A S
EPHESUS CHURCH ROAD
CHAPEL HILL 27514 919 933-8767

LINTON, EUGENE BELL OBG 034
112 BENT ST., BOX 742 A AC
BERMUDA RUN 27006 919 765-9350

LIPHAM, HARRY GLENN PUD /IM 044
102 HOSPITAL DRIVE AC
CLYDE 28721 704 452-0331

LIPPITT, DEVEREUX HAIGH PTH 025
P. O. BOX 2547 A AC
NEW BERN 28560 919 633-8581

LIPSON, ERIC JAMES 034
1608-F NORTHWEST BLVD. A S
WINSTON-SALEM 27104 919 724-9034

LIPTON, BARBARA STEINER P 032
2004 N. LAKESHORE DRIVE A AC
CHAPEL HILL 27514 919 942-2453

LIPTON, MORRIS ABRAHAM P/IM 032
UNC, BSRC BLDG. 220-H A L
CHAPEL HILL 27514 919 966-1456

LIPTZIN, MYRON BENNETT P 032
UNC STUDENT HEALTH SERVICE A AC
CHAPEL HILL 27514 919 966-2281

LIST, NOEL DAVID GER /GPM 032
BOX 3003, DUMC A AC
DURHAM 27710 919 684-2248

LITCHFIELD, JAY ROBERT 032
804 SHADY LAWN ROAD A S
CHAPEL HILL 27514

LITTLE, ALFRED BOYD CD /IM 041
1016 N. ELM ST. AC
GREENSBORO 27401 919 272-6153

LITTLE, DONALD FORREST OBG 060
1350 KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

LITTLE, DOUGLAS JONATHAN IM /CD 053
136-A CARBONTON ROAD AC
SANFORD 27330 919 776-0719

LITTLE, EDGAR WATSON PD 041
1307 W. WENDOVER AVE. AC
GREENSBORO 27408 919 275-8621

LITTLE, FRANK BALLARD, JR. OTO 034
521 WALTER COURT A R
WINSTON-SALEM 27103 919 748-2011

LITTLE, HARRY FP 034
158 HOSPITAL ST. A AC
PO BOX 425
MOCKSVILLE 27028 704 634-2108

LITTLE, HENRY REECE, JR. FP 025
800 HOSPITAL DRIVE A L/RT
NEW BERN 28560 919 637-6118

LITTLE, JAMES CONRAD, JR. FP 053
136-A CARBONTON ROAD AC
SANFORD 27330 919 776-0719

LITTLE, LONNIE MARCUS GP 049
206 ST. ANDREWS ROAD A L/RT
STATESVILLE 28677 704 873-7442

LITTLE, SUZANNE BROWN IM /CD 025
800 HOSPITAL DRIVE AC
NEW BERN 28560 919 637-6118

LITTLEJOHN, JAMES TALMADGE IM /CD 011
416 DOCTOR'S BUILDING A AC
ASHEVILLE 28801 704 253-0443

LITTLEJOHN, MARK HAYS R/NM 006
CANNON MEMORIAL HOSPITAL A AC
BANNER ELK 28604 704 898-5823

LITTLEJOHN, THOMAS WILLARD,III FP 034
2805 LYNDHURST AVENUE AC
WINSTON-SALEM 27103 919 768-8890

LITTLETON, ROBERT ELTON OBG 092
3622 HAWORTH DR. A AC
RALEIGH 27609 919 782-1273

LITZENBERGER, W. A. DREW NPM /PD 011
304-M DOCTOR'S BLDG. AC
ASHEVILLE 28801 704 253-1998

LIVERMAN, HENRY JOSEPH FP 007
P. O. BOX 218, LAZY LANE AC
ENGELHARD 27824 919 925-3271

LIVERMAN, JOSEPH THOMAS FP 064
111 W. CHURCH STREET A AC
NASHVILLE 27856 919 459-4012

LIVERMAN, JOSEPH THOMAS, JR. FP 051
706 WILKINS STREET AC
SMITHFIELD 27577 919 934-5149

LLEWELLYN, CHARLES E., JR. P 032
BOX 3173, DUMC A P AC
DURHAM 27710 919 684-3332

LLOYD, HARRY DAVIDSON U 081
NORRIS-BIGGS CLINIC A AC
RUTHERFORDTON 28139 704 286-9036

LLOYD, KERMIT ALVIN 032
RT. #5, BOX 305 A S
CHAPEL HILL 27514 919 929-1911

LOCKERT, CHARLES RAY ORS 080
102 MOCKSVILLE AVENUE A P AC
SALISBURY 28144 704 637-0500

LOCKHART, DAVID ARMISTEAD PD 013
40 ARDSLEY AVENUE, N.E. AC
CONCORD 28025 704 786-1144

LOCKLEAR, JIMMY IM /CD 092
1212 CEDARHURST DR. AC
PO BOX 18700
RALEIGH 27609 919 872-4850

LOCKWOOD, MARILYN ANN ADL /PD 041
UNC-G STUDENT HEALTH CENTER AC
GREENSBORO 27412 919 379-5340

LODA, FRANK ALOYSIUS, JR. PD /ID 032
UNC, DEPT. OF PEDIATRICS * AC
CHAPEL HILL 27514 919 966-2504

LOEHR, WALTER JOSEPH GS 032
2609 N. DUKE ST., STE. 402 A AC
DURHAM 27704 919 471-8439

LOFTUS, JAMES MORGAN, JR. ORS 013
528 LAKE CONCORD RD., NE A P AC
CONCORD 28025 704 788-3155

LOGAN, WILLIAM SUMNER D 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

LOGEL, ROBERT JOHN ORS 026
3308 MELROSE ROAD A P AC
FAYETTEVILLE 28305 919 484-3114

LOGUE, STEPHEN STUART IM 026
1766 METROMEDICAL DR. AC
FAYETTEVILLE 28304 919 483-8080

LOHAVICHAN, CHOOMSANG NEP /IM 026
P. O. BOX 64277 A P AC
FAYETTEVILLE 28306 919 323-1315

LOHAVICHAN, VIRAT CD /IM 026
P. O. BOX 64277 AC
FAYETTEVILLE 28306 919 323-1315

LOHR, DERMOT PH 029
20 VANCE CIRCLE A L/RT
LEXINGTON 27292 704 246-2626

LOHR, LLOYD DERMOT OBG 029
7 MEDICAL PARK DRIVE A AC
LEXINGTON 27292 704 243-2431

LOMAX, CHARLES WESTON OBG 041
1507 WESTOVER TERR. P AC
GREENSBORO 27408 919 273-0936

LOMAX, DONALD HENRY FP 080
KETNER CENTER A P AC
SALISBURY 28144 704 636-5626

LOMBARD, R. ELIZABETH FP 080
P. O. BOX 457 A AC
ROCKWELL 28138 704 279-7227

LONDON, WILLIAM LORD PD /PHO 032
306 S. GREGSON STREET A AC
DURHAM 27701 919 688-6349

LONG, CLIFFORD JAMES OBG 063
P. O. BOX 2000 A * AC
PINEHURST 28374 919 295-5552

LONG, EUGENE MONROE, II OBG /OBS 001
KERNODLE CLINIC A P AC
BURLINGTON 27215 919 226-2423

LONG, FRANK EDWARD OBG 013
1054 BURRAGE ROAD, N. E.. A AC
CONCORD 28025 704 788-4151

LONG, JAMES RANDALL IM 032
16 LEE EAST COURT A S
TAYLORS, SC 29687

LONG, JOHN CLAYTON D 034
1401-C OLD MILL CIRCLE A AC
WINSTON-SALEM 27103 919 765-8121

LONG, PAUL DEMARS ORS 041
1505 PEMBROKE ROAD A * AC
GREENSBORO 27408 919 275-0927

LONG, RONALD MORGAN AN 096
709 LIONEL ST. A AC
GOLDSBORO 27530

LONG, THOMAS DRUMWRIGHT IM 073
P. O. BOX 797 A AC
ROXBORO 27573 919 599-3212

LONG, THOMAS THERON, III GE /IM 013
920 N. CHURCH STREET A P AC
CONCORD 28025 704 788-4186

LONG, WALTER NATHANIEL, JR. FP 002
505 THIRD AVENUE, SW AC
TAYLORSVILLE 28681 704 632-9736

LONG, WILLIAM EVERETT FP 018
P. O. BOX 1239 A AC
CONOVER 28613 704 464-3821

LONG, WILLIAM JOSEPH FP 060
2807 HINSDALE STREET AC
CHARLOTTE 28210 704 596-0822

LONGINO, FRANK HENRY GS /TS 074
1914 FOREST HILL DR. A RT
GREENVILLE 27834 919 758-1747

LONON, ROBERT WARREN, JR. AN 041
5501 WESTFIELD DR. AC
GREENSBORO 27410 919 373-8555

LOOMIS, FRANK JOSEPH EM /GP 063
527-B EAGLE ROAD A AC
WHISPERING PINES 28327 919 295-7777

LOOMIS, RALPH CHARLES NS 011
7 MCDOWELL STREET A AC
ASHEVILLE 28801 704 255-7776

LOPER, PETER LOUIS PUD /OM 060
3409 BROADFIELD ROAD A P AC
CHARLOTTE 28226 704 373-4329

LOPES, CLEMENCEAU DE JESUS ABS 009
P. O. BOX 1358 AC
ELIZABETHTOWN 28337 919 862-3112

LORD, RICHARD WILLIAM, JR. 034
2041 QUEEN ST. A S
WINSTON-SALEM 27103 919 722-7649

LORE, RALPH ELI GS 014
306 PENNTON AVENUE, S.W. A L/RT
LENOIR 28645 704 754-7356

LORES-SUAREZ, MANUEL E. TS /GS 032
PO BOX 2881 A R
CHAPEL HILL 27514 919 966-3381

LOTHIAN, GEORGE GENE FP 079
P. O. BOX 1857 AC
REIDSVILLE 27320 919 349-5040

LOUGHLIN, HOWARD HOPKINS PD 026
1213 WALTER REED ROAD AC
FAYETTEVILLE 28304 919 484-6121

LOVE, DAVID EUGENE OBG 045
FLETCHER HOSPITAL AC
FLETCHER 28732 704 687-0122

LOVE, J. GRAFTON NS 000
200 FIRST STREET, S.W. RT
ROCHESTER, MN 55902 507 284-2691

LOVE, JAMES MCLEAN N/IM 041
2007 LAFAYETTE DRIVE A AC
GREENSBORO 27408 919 275-0779

LOVE, NICHOLAS ARMISTEAD FP 092
P. O. BOX 25627 A RT
RALEIGH 27611 919 832-6766

LOVEJOY, STEVEN ARNET ORS 060
1012 S. KINGS DR. A AC
CHARLOTTE 28283 704 372-0743

LOVELACE, THOMAS CLAUDE GP /OBS 081
P. O. BOX 295 A L/RT
HENRIETTA 28076 704 657-5118

LOVELL, WILLIAM FIGGATT A 060
CHARLOTTE ALLERGY CLINIC A AC
P. O. BOX 221189
CHARLOTTE 28222 704 372-7900

LOVETTE, KENNETH MAURICE OBG 065
1612 DOCTORS CIRCLE A AC
WILMINGTON 28401 919 343-0161

LOVIN, VICKIE WEST OBG 018
ROUTE #2, BOX 195 A AC
CONOVER 28613 704 322-4920

LOWE, BARBARA ANN IM 043
700 TILGHMAN DR. A AC
DUNN 28334 919 892-1056

LOWE, JAMES EDWARD CDS /GS 032
BOX 3954, DUMC AC
DURHAM 27710 919 684-3235

LOWE, STEPHEN BECHTLER ORS 034
1425 PLAZA DR. AC
WINSTON-SALEM 27103 919 929-8872

LOWERY, WYLIE DONALD 032
BRIGHTON SQUARE
CARRBORO 27510 919 942-5643

LOWNES, MILTON MARKLEY, JR. GP 096
130 N. CENTER STREET AC
MOUNT OLIVE 28365 919 658-2505

LOWRY, OTIS MEGEL FP 064
SPRING HOPE CLINIC AC
PO BOX 1090
SPRING HOPE 27882 919 478-5344

LOWRY, ROY FRANK, JR. OPH 092
4024 BARRETT DR., STE. 103 A AC
RALEIGH 27609 919 787-3241

LUCAS, ROBERT THEODORE, JR. PD 060
1350 KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

LUCEY, DONALD TRUESDELL U 092
2800 BLUE RIDGE BLVD. STE. 403 A P AC
RALEIGH 27607 919 781-7113

LUDWIG, GARY KEITH PTH /FOP 023
104 BROOKDALE ROAD AC
SHELBY 28150 704 487-3147

LUMB, PHILIP DENNETT AN 032
508 FULTON ST. A AC
DURHAM 27708 919 286-0411

LUND, HERBERT ZACHAREUS PTH /D 041
1200 N. ELM ST. A L
GREENSBORO 27401 919 379-4074

LUND, JOHN JEFFERSON CD /IM 098
1700 S. TARBORO ST. A P AC
WILSON 27893 919 291-1300

LUPTON, CARROLL CRESCENT CRS 041
3300 STARMOUNT DRIVE A L/RT
GREENSBORO 27403 919 299-9255

LUPTON, EMMETT STEVENSON D 041
P. O. BOX 177 A L/RT
ALAMANCE 27201 919 228-1288

LURIE, SCOTT NORD 032
BOX 2746, DUMC A S
DURHAM 27710 919 688-0527

LUSK, JOHN ALEXANDER, III ON /IM 041
1007 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 272-2141

LUTMAN, GEORGE BENTON PTH 026
P. O. BOX 2000 A AC
FAYETTEVILLE 28302 919 323-6149

LUTTERLOH, ISAAC HAYDEN, JR. IM 053
P. O. BOX 1269 AC
SANFORD 27330 919 775-3911

LUTTERLOH, ISAAC HAYDEN, SR. IM 053
P. O. BOX 1269 A L
SANFORD 27330 919 775-3911

LUTZ, CHARLES LARRY IM /GE 014
P. O. BOX 1020 A AC
LENOIR 28645 704 758-5544

LUTZ, JAMES DWIGHT AN 045
401 SIXTH AVENUE, WEST AC
HENDERSONVILLE 28739 704 693-9669

LUVIS, L.D.A. CLAUDIUS IM 036
1119 CHURCHILL DRIVE AC
GASTONIA 28052 704 867-1306

LYDAY, RUSSELL OSBORNE GS 041
1610 NOTTINGHAM ROAD A L/RT
GREENSBORO 27408 919 272-8328

LYDAY, WILLIAM DAVIE TS /GS 060
225 HAWTHORNE LN., STE. 301 A AC
CHARLOTTE 28204 704 377-5978

LYLE, CARL BLACKBURN, JR. IM 032
145-A MACNIDER BLDG. 202-H AC
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514 919 966-5945

LYLES, MARY FENNELL IM /GER 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 727-8161

LYMAN, DAVID JOHN FP 060
910 N. ALEXANDER ST. AC
CHARLOTTE 28206 704 338-3084

LYMBERIS, MARVIN NICHOLAS OPH 060
2514 RED FOX TRAIL A L/RT
CHARLOTTE 28211 704 366-6227

LYNCH, JOHN FRANKLIN, JR. PD 040
905 ARBORDALE DR. A L/RT
HIGH POINT 27260 919 886-4049

LYNN, ARTHUR SIMONTON, JR. IM /CD 018
ROUTE #2, BOX 199 A P AC
CONOVER 28613 704 322-1128

LYON, MARY ELIZABETH FP 005
616 DOCTOR'S STREET AC
SPARTA 28675 919 372-5606

LYON, ROBERT KEITH 032
BOX 2819, DUMC A S
DURHAM 27710 919 688-5133

MABE, PAUL ALEXANDER, JR. FP 079
1123 S. MAIN STREET AC
REIDSVILLE 27320 919 342-4286

MABRY, EDWARD BLOXTON OBG 041
1305 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 274-6355

MABRY, FREDERICK HARRISON, JR. PD 083
418 KING STREET AC
LAURINBURG 28352 919 276-7570

MAC, HARJIT BALA PM 084
P. O. BOX 1230 A AC
ALBEMARLE 28002 704 983-3314

MAC, SURENDRAPAL SINGH ORS /HS 084
P. O. BOX 1230 A AC
ALBEMARLE 28001 704 983-3314

MACALPINE, ORVILLE DUNCAN PD 011
98 HOLLY HILL DR. A L/RT
CANDLER 28715 704 667-5553

MACATEE, GEORGE, JR. PH /OBG 011
20 SUNSET SUMMIT A L/RT
ASHEVILLE 28804 704 252-4905

MACAULAY, HUGH HOLLEMAN,III EM /FP 060
P. O. BOX 32863 AC
CHARLOTTE 28232 704 371-4160

MACAULAY, ROBERT JOSEPH, JR. U 064
3136 SUNSET AVENUE A AC
ROCKY MOUNT 27801 919 443-3136

MACCORMACK, JOHN NEWTON PH 092
P. O. BOX 2091 AC
RALEIGH 27602 919 733-3421

MACDONALD, DONALD EWAN P 090
1310 MCCRAY STREET AC
MONROE 28110 704 289-5431

MACDONALD, HENRY JOHN, JR. OTO 025
PO BOX 2406 AC
NEW BERN 28560

MACDONALD, JOEL DOUGLAS 032
308 CAROL ST. A S
CARRBORO 27510 919 967-6776

MACDONALD, MARK EDWARD 074
107 DUPONT CIRCLE A S
GREENVILLE 27834 919 756-6502

MACDONALD, WILLIAM WEBSTER OBG 060
1023 EDGEHILL DRIVE A AC
CHARLOTTE 28207 704 373-1541

MACFARLAND, JOSEPH ALFRED GP 032
UNC STUDENT HEALTH SERVICE AC
CHAPEL HILL 27514 919 966-2281

MACHEMER, CHRISTINE ANNA P 032
BOX 3125, DUMC AC
DURHAM 27710 919 684-5772

MACHEMER, ROBERT OPH 032
BOX 3802, DUMC A AC
DURHAM 27710 919 684-5846

MACINTOSH, VICTOR HENRY FP 053
207 E. MAIN ST. AC
SANFORD 27330 919 774-6282

MACK, RONALD BRIAN PD 034
2516 WOODBERRY DRIVE AC
WINSTON-SALEM 27106 919 727-8108

MACK, YVONNE 034
221 LOCKLAND AVE. A S
WINSTON-SALEM 27103 919 722-1325

MACKAY, JAMES CALVIN IM /PUD 065
1928 S. 16TH STREET A AC
WILMINGTON 28401 919 762-5292

MACKEL, DAVID FREDERICK ORS 045
1027 FLEMING STREET A AC
HENDERSONVILLE 28739 704 692-5781

MACKENNA, JARLATH OBG /NPM 074
ECU, DEPT. OF OBG A AC
GREENVILLE 27834 919 757-4693

MACLAUCHLIN, WILLIAM THOMPSON FP 018
P. O. DRAWER 1239 A AC
CONOVER 28613 704 464-3821

MACLEAN, DAVID BURTON END 034
786 ROSLYN ROAD AC
WINSTON-SALEM 27104 919 748-2076

MACQUEEN, DONALD MILES A/PD 065
2321 DELANEY AVENUE A P AC
WILMINGTON 28403 919 763-1661

MACRAE, JOHN DONALD R 026
700 MEASE PLAZA, APT. 850 A L/RT
DUNEDIN, FL 33528 813 733-1161

MACRI, ANTHONY JOHN PTH 079
311 DOGWOOD DRIVE A AC
EDEN 27288 919 623-9711

MADAKASIRA, SUDHAKAR P 074
ECU, DEPT. OF PSYCHIATRY A AC
GREENVILLE 27834 919 757-2663

MADDOX, CHARLES DEATON IM 011
4-B DOCTOR'S PARK AC
ASHEVILLE 28801 704 253-2865

MADDOX, THOMAS WILBUR GS /VS 092
3814 BROWNING PLACE AC
RALEIGH 27609 919 781-0710

MADRY, HERBERT RAYMOND, JR. DR 092
2105 WHITE OAK ROAD A P AC
RALEIGH 27608 919 833-9838

MADRY, JAMES THOMAS OBG /GYN 049
403 E. STATESVILLE AVENUE AC
MOORESVILLE 28115 919 663-2564

MAGOLAN, JEROME JOSEPH, JR. OPH 092
3320 EXECUTIVE DR., STE. 210 A R
RALEIGH 27609 919 872-0572

MAGRINAT, GUSTAV 032
5104 AMBERHILL DRIVE A S
GREENSBORO 27405 919 288-5178

MAHALEY, MOSES STEPHEN, JR. NS 032
ROUTE #1, BOX 283 A AC
PITTSBORO 27312 919 966-1374

MAHAN, DENNIS MICHAEL FP 039
1012 COLLEGE ST. A AC
OXFORD 27565 919 693-7108

MAHANEY, JOHN PHILIP, JR. FP 025
810 KENNEDY AVE. A * AC
NEW BERN 28560 919 633-1678

MAIER, RUDOLPH JOSEPH N 025
721 PROFESSIONAL DR. A AC
NEW BERN 28560 919 633-3744

MAINELLA, PAUL JOSEPH 032
L-14 THE VILLAGES APTS. A S
CARRBORO 27510 919 967-9446

MAITLAND, ALEXANDER, III U 011
1 DOCTOR'S PARK A AC
ASHEVILLE 28801 704 253-5314

MAJORS, ROBERT POWELL, JR. OTO 092
3010 ANDERSON DR. A AC
PO BOX 18946
RALEIGH 27619 919 787-7171

MAJSTORAVICH, JOSEPH, JR. OPH 016
P. O. BOX 1317 AC
MOREHEAD CITY 28557 919 726-0411

MALEK, NABIL S. AN 032
BOX 3094, DUMC AC
DURHAM 27710 919 684-3026

MALEKPOUR, BAHMAN P 096
1708 WAYNE MEMORIAL DR. A AC
PO BOX 1342
GOLDSBORO 27530 919 734-2222

MALLONEE, MICHAEL STEVEN OTO /HNS 060
101 W.T. HARRIS BLVD.EAST A AC
SUITE C-206
CHARLOTTE 28213 704 547-1609

MALLOY, H. REMBERT GS 034
2020 NEW WALKERTOWN ROAD A L/RT
WINSTON-SALEM 27101 919 723-3729

MALONE, JOHN HUGH, JR. IM 013
56 ARDSLEY AVENUE, N.E. A AC
CONCORD 28025 704 782-1101

MALONEY, SEAN ROBERT PM 011
50 DOCTORS DR. STE. W-20 A AC
ASHEVILLE 28801 704 254-9796

MALONEY, THOMAS RICHARD GER /IM 098
NC SPECIAL CARE CTR A AC
WARD BOULEVARD
WILSON 27893 919 237-1121

MALOY, THOMAS HOWARD OPH 065
2310 DELANEY AVENUE A AC
WILMINGTON 28401 919 763-3664

MALTBIE, ALLAN ARMSTRONG P/PYA 032
BOX 3837, DUMC AC
DURHAM 27710 919 684-5217

MANCUSI-UNGARO, PETER CURT HEM /ON 065
2131 S. SEVENTEENTH STREET AC
WILMINGTON 28401 919 343-0161

MANDEL, DALE MASON GS /TRS 029
105 PINEYWOOD RD. BOX 1187 A AC
THOMASVILLE 27360 919 475-7148

MANDEL, STANLEY ROBERT GS /TS 032
UNC, DEPT. OF SURGERY 229H A AC
CHAPEL HILL 27514 919 966-3391

MANDELL, GORDON LEE AN 034
1321 ABINGDON WAY A AC
WINSTON-SALEM 27106 919 773-3259

MANESS, ARCHIBALD KELLY, JR. OBG 041
1305 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 273-3624

MANESS, PAUL FRANKLIN PD 001
328 W. DAVIS STREET L
BURLINGTON 27215 919 228-8341

MANESS, RUBIN FRANKLIN PD /A 096
2706 MEDICAL OFFICE PLACE AC
GOLDSBORO 27530 919 734-4736

MANGANO, CHARLES ANGELO, JR. CD /IM 092
3020 NEW BERN AVE. STE. 420 A P AC
RALEIGH 27610 919 833-5111

MANGE, STEPHEN KENNEDY PD 060
PO BOX 1705 AC
DAVIDSON 28036 704 892-7905

MANGUM, ADDISON GOODLOE R 084
P. O. BOX 1258 AC
ALBEMARLE 28002 704 982-5319

MANGUM, CARLYLE THOMAS, JR. GP 056
P. O. BOX 429 AC
HIGHLANDS 28741 704 526-2125

MANGUM, GARY LIONELL ORS 023
202 E. GROVER ST. A AC
SHELBY 28150 704 482-7311

MANGUM, JOHN ROWLAND FP 053
555 CARTHAGE ST. A AC
SANFORD 27330 919 774-6518

MANGUM, RICHARD ARNOLD FP 039
102 DOGWOOD DRIVE A AC
CREEDMOOR 27522 919 528-0707

MANLAPAS, HECTOR CHAN IM 042
P. O. DRAWER 158 A AC
ROANOKE RAPIDS 27870 919 537-0135

MANLEY, JAMES JOSEPH FP /EM 025
P. O. BOX 2585 AC
NEW BERN 28561 919 637-6194

MANLY, DAVID TUPPER 032
6-B COURTNEY SQUARE APTS. A S
GREENVILLE 27834 919 933-9778

MANLY, ISAAC VAUGHN GS /TS 092
2800 BLUE RIDGE BOULEVARD A AC
RALEIGH 27607 919 781-7410

MANN, CARROLL LAMB, III NS 092
3009 NEW BERN AVE. A AC
PO BOX 14027
RALEIGH 27620 919 832-4448

MANN, CHARLES HAYES OTO 032
1110 S. MAIN STREET A AC
DURHAM 27701 919 682-9341

MANN, JAMES TIFT, III CD 092
WAKE HEART ASSOCIATES A AC
PO BOX 14427
RALEIGH 27620 919 832-9253

MANN, JOHN DOUGLAS N/IM 032
751 CLINICAL SCI. BLDG. 229-H A AC
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514 919 966-2526

MANN, JOHN ROBERT GP 043
P. O. BOX 548 AC
ERWIN 28339 919 897-5561

MANN, PHILIP ROGERS FP /IM 001
803 HERMITAGE ROAD A AC
BURLINGTON 27215 919 227-3643

MANNING, ISAAC HALL, JR. IM 032
906 BROAD STREET A L
DURHAM 27705 919 286-7635

MANNING, STUART HALL IM 032
906 BROAD STREET A AC
DURHAM 27705 919 286-7635

MANOR, JAMES PETER FP 032
602-S JONES FERRY ROAD AC
CARRBORO 27510 919 929-1747

MARBURG, KENNETH CHARLES EM /FP 065
343 BRADLEY DR. AC
WILMINGTON 28403 919 791-0075

MARCHESE, JOHN RICHARD OBG /CD 095
20 DOCTOR'S PARK AC
BOONE 28607 704 264-9067

MARCHETTI, LOUIS JOSEPH U 063
MIDSOUTH UROLOGY CTR., PA AC
BOX 3, TWO MEMORIAL DR.
PINEHURST 28374 919 295-2402

MARCHUK, JEROME MICHAEL U 086
708 S. SOUTH STREET A P AC
MOUNT AIRY 27030 919 786-5144

MARCOTTE, DAVID BACON P 026
2557 RAVEN HILL, BLDG. 1,STE A A AC
FAYETTEVILLE 28303 919 484-5151

MARCUARD, STEFANO P. GE /IM 074
ECU, DEPT. OF MEDICINE AC
GREENVILLE 27834 919 757-4652

MARGOLIS, JEFFREY ALAN IM 082
603 BEAMON ST. A AC
CLINTON 28328 919 592-6114

MARION, JEREMIAH RICHARD, III OPH 034
BOWMAN GRAY, DEPT. OF OPH A AC
WINSTON-SALEM 27103 919 748-4091

MARKELLO, JAMES ROSS PD 074
ECU SCHOOL OF MEDICINE AC
GREENVILLE NC 27834 919 757-2539

MARKHAM, ROBERT WADE D 040
624 QUAKER LANE, SUITE 302-B A * AC
HIGH POINT 27262 919 887-3195

MARKS, EDGAR SEYMOUR IM 041
1100 OLIVE STREET A AC
GREENSBORO 27401 919 378-9906

MARKS, JOHN JACOB GYN 092
5512 HAWTHORNE PARK AC
RALEIGH 27612 919 848-1990

MARKWORTH, JAMES WARREN ORS 065
1222 MEDICAL CENTER DRIVE A P AC
WILMINGTON 28401 919 763-2977

MARLOWE, JAMES MANNING ORS 040
624 QUAKER LANE, SUITE D-200 AC
HIGH POINT 27262 919 841-6262

MARQUEZ, FRANCISCO JAVIER 032
105 WESKER CIRCLE A R
DURHAM 27703 919 596-0956

MARQUEZ, PATERNO RIEGO FP 064
107 NASH MEDICAL ARTS MALL AC
ROCKY MOUNT 27804 919 443-8810

MARROUM, MARIE-CLAIRE PTH 060
PO BOX 32861 A AC
CHARLOTTE MEM. HOSP.
CHARLOTTE 28232 704 338-2251

MARROW, HENRY GREGORY PTH 074
PITT CO. MEM. HOSP. A AC
P. O. BOX 6028
GREENVILLE 27834 919 757-4495

MARROW, JANE GREGORY GYN 033
1003 MAIN STREET AC
TARBORO 27886 919 823-8491

MARSDEN, MARGARET E. FERRITER 032
200 WOODCROFT PARKWAY, #40-B A S
DURHAM 27713 919 489-8433

MARSH, FRANK BAKER IM 080
725 LAKE DRIVE A L/RT
SALISBURY 28144 704 633-2344

MARSHALL, BERNARD ANTHONY OBG 041
P. O. BOX 21922 AC
GREENSBORO 27406

MARSHALL, CHARLES FOSTER, JR. OPH 060
1012 S. KINGS DRIVE A AC
CHARLOTTE 28283 704 376-6511

MARSHALL, FRANCIES FP 032
1447 POINSETT DRIVE AC
CHAPEL HILL 27514 919 929-2269

MARSHALL, RICHARD BLAIR PTH 034
236 STANAFORD ROAD A AC
WINSTON-SALEM 27104 919 748-2626

MARSHBURN, ELISHA THOMAS, JR. IM 065
3208 OLEANDER DRIVE A P AC
WILMINGTON 28403 919 762-9621

MARSIGLI, ADOLFO HECTOR ORS /HS 064
110 NASH MEDICAL ARTS MALL A AC
ROCKY MOUNT 27801 919 443-8830

MARSIGLI, EDUARDO OSCAR ORS 064
110 NASH MEDICAL ARTS MALL A P AC
ROCKY MOUNT 27801 919 443-8830

MARTIMBEAU, PIERRE WALTER ON /GYN 060
1900 RANDOLPH RD., STE. 510 A AC
CHARLOTTE 28207 704 334-8644

MARTIN, BARBARA ANNETTE 074
13 UPTON COURT A S
GREENVILLE 27834

MARTIN, CHARLES R. PD 067
120 MEMORIAL DRIVE A P AC
JACKSONVILLE 28540 919 353-0581

MARTIN, DENNIS KEITH OBG 025
903 PINETREE DRIVE AC
NEW BERN 28560 919 633-4005

MARTIN, DENNIS LEE N 011
7 MCDOWELL ST. A P AC
ASHEVILLE 28801 704 255-7776

MARTIN, EDWARD STEPHENS PD 060
2711 RANDOLPH ROAD, SUITE 501 AC
CHARLOTTE 28207 704 374-1736

MARTIN, ERNEST EDWARD, JR. FP 033
P. O. BOX 460 A AC
TARBORO 27886 919 823-2105

MARTIN, HAROLD LUTHER, JR. 032
201 HOWELL ST. APT. 3-B A S
CHAPEL HILL 27514 919 929-1522

MARTIN, J. PAUL FP 011
491 BILTMORE AVE. A AC
ASHEVILLE 28801 704 258-0670

MARTIN, JAMES CICERO, JR. 032
910 CONSTITUTION DR.,APT. 1009 A R
DURHAM 27705 919 383-3980

MARTIN, JAMES FRANKLIN R 034
2680-3 GROSVENOR PLACE A L
WINSTON-SALEM 27106 919 748-4505

MARTIN, MATTHEW BRUNSON GS 041
311 W. WENDOVER AVE. A AC
GREENSBORO 27408 919 275-8415

MARTIN, PHILIP L. OPH 092
3320 EXECUTIVE DR., STE. 210 A AC
RALEIGH 27609 919 872-0572

MARTIN, RICHARD W. GS 080
327 MOCKSVILLE AVE. A P AC
PO BOX 1665
SALISBURY 28144 704 637-2750

MARTIN, ROBERT GALE OPH 063
2170 MIDLAND ROAD A P AC
SOUTHERN PINES 28387 919 295-2100

MARTIN, SIDNEY ARNOLD OM /FP 092
3141 ESSEX CIRCLE A AC
RALEIGH 27608 919 782-0911

MARTIN, WELLS, III DR 040
HIGH POINT MEM.HOSP.,-RAD. A AC
HIGH POINT 27260 919 887-2551

MARTIN, WILLIS ELWOOD D/IM 064
112 NASH MEDICAL ARTS MALL A AC
ROCKY MOUNT 27801 919 443-8937

MARTINEZ, LUCAS J. NS 064
P. O. BOX 7514 A AC
ROCKY MOUNT 27801

MARTINEZ, SALUTARIO R 032
DUMC, DEPT. OF RADIOLOGY A AC
DURHAM 27710 919 684-2711

MARTONE, ARLENE RAE OBG 056
28 RIVERVIEW ST., STE. 110 AC
FRANKLIN 28734 704 335-0064

MARUCHECK, JOHN THOMAS IM 092
6217 DRESDEN LANE AC
RALEIGH 27612 919 878-0900

MARX, MARILYN GS 032
UTMB STATION 1, BOX 45 A R
GALVESTON, TX 77550 409 761-1875

MARX, RICHARD SAMUEL ID /IM 034
1401-B OLD MILL CIRCLE A AC
WINSTON-SALEM 27103 919 765-8420

MASON, DAVID PENDLETON OBG 065
1809 GLEN MEADE ROAD A AC
WILMINGTON 28403 919 762-9807

MASON, ERIC W. AN 092
PO BOX 18139 A AC
RALEIGH 27619 919 755-3034

MASON, LOCKERT BEMISS GS 065
NEW HANOVER MEM. HOSP. A AC
WILMINGTON 28401 919 343-0161

MASON, WILLIAM TERRY ORS 080
400 MOCKSVILLE AVENUE A P AC
SALISBURY 28144 704 633-6044

MASOUD, JAVED CD /IM 001
723 EDITH STREET AC
BURLINGTON 27215 919 229-6486

MASSAQUOI, ALFRED DADEE LAMIN OBG 039
1030 COLLEGE ST. AC
P. O. BOX 1513
OXFORD 27565 919 693-4212

MASSENGILL, G.K. GS 092
3308 TIMBER LAKE ROAD A L/RT
RALEIGH 27604 919 872-6924

MASSENGILL, SUSAN FOSTER 074
2405-1 MORTON BLVD. A S
WILSON 27893 919 291-6550

MASSEY, CHARLES CASWELL, JR. CRS 060
2028 RANDOLPH ROAD A P AC
CHARLOTTE 28207 704 333-1259

MASSEY, DAVID BARNETT FP 041
PO BOX 18227 A AC
GREENSBORO 27419 919 282-4358

MASSEY, THOMAS NEELY, JR. CD 060
217 TRAVIS AVENUE A AC
CHARLOTTE 28204 704 372-3350

MASTERS, KIM JAMES P/CHP 011
APPALACHIAN HALL A P AC
PO BOX 5534
ASHEVILLE 28813 704 253-3681

MASTERS, MICHAEL JASON D 044
102 HOSPITAL DR. SUITE #6 * AC
CLYDE 28721 704 456-7343

MASTRANGELO, MICHAEL ROCCO GE 065
1515 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 763-5182

MATHES, GORDON LAWRENCE, JR. U 064
3136 SUNSET AVE. A AC
ROCKY MOUNT 27801 919 443-3136

MATHEWS, HURSCHELL F. FP /EM 044
ROUTE #1, BOX 564 AC
SYLVA 28779 704 586-8352

MATHIESEN, KENNETH MARLIN FP /A 087
960 PLATEAU ST. A L
BRYSON CITY 28713 704 488-6844

MATHIS, JAMES LARRY P 074
ECU, DEPT. OF PSYCHIATRY A AC
GREENVILLE 27834 919 757-2660

MATTERN, WILLIAM DOUGLAS NEP /IM 032
N. C. MEMORIAL HOSPITAL A * AC
CHAPEL HILL 27514 919 966-1042

MATTHEWS, BRIAN LEWIS OTO 034
DEPT. OF OTOLARYNGOLOGY A AC
N. C. BAPTIST HOSPITAL
WINSTON-SALEM 27103 919 748-4161

MATTHEWS, COY RANDOLPH 034
120 EDEN TERRACE #1 A S
WINSTON-SALEM 27103 919 723-9781

MATTHEWS, DAVID CARY PS 060
2215 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 372-6846

MATTHEWS, GEORGE POWERS GP 031
P. O. BOX 609 A AC
ROSE HILL 28458 919 289-2330

MATTHEWS, JOHN DAIL OPH 041
3312 BATTLEGROUND AVE. A AC
GREENSBORO 27410

MATTHEWS, KAREN ROMAINE GP 040
2721 CARDIFF CT. AC
WINSTON-SALEM 27103 919 434-4007

MATTHEWS, MARJORIE E.F. FP 086
P. O. BOX 667 A AC
PILOT MOUNTAIN 27041 919 368-4198

MATTHEWS, ROLAND D FP 001
1610 VAUGHN ROAD P AC
BURLINGTON 27215 919 228-8333

MATTHEWS, WILLIAM CAMP IM /OM 060
RT. 4, BOX 470, THE FARM A L/RT
CHESTER, SC 29706 803 385-6975

MATTOX, HUITT EVERETT OBG 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-9010

MATTOX, HUITT EVERETT, III IM 034
361 MILLER STREET A R
WINSTON-SALEM 27103 919 725-3227

MATTOX, JAMES DWIGHT, JR. P 034
1546 OVERBROOK AVENUE A AC
WINSTON-SALEM 27104 919 768-6930

MATTSON, MARK WARREN GS 083
ROUTE #6, STRATFORD DRIVE A AC
LAURINBURG 28352 919 276-3541

MATUS, SIMON R/NM 096
1302 E. ASH STREET A
GOLDSBORO 27530 919 731-7767

MAUERHAN, DAVID ROBERT ORS 060
1822 BRUNSWICK AVENUE A P AC
CHARLOTTE 28207 704 373-0544

MAULTSBY, JAMES ALEXANDER ORS /PM 041
200 E. NORTHWOOD ST., STE. 410 A P AC
GREENSBORO 27401 919 373-0312

MAUNEY, FRANK MAXTON, JR. CDS /TS 011
257 MCDOWELL STREET A P * AC
ASHEVILLE 28803 704 258-1121

MAURO, MATTHEW ANTHONY DR 032
101 CATAWBA COURT AC
CHAPEL HILL 27514 919 966-1461

MAURO, PATRICIA MARCHASE D 032
2609 N. DUKE ST. STE. 505 A AC
DURHAM 27704 919 477-2121

MAVROS, SHARON 032
411-I DOWNING ST. A S
DURHAM 27705

MAXWELL, JAMES HEATH DR 041
1708 COLONIAL AVENUE A P AC
GREENSBORO 27408 919 299-6815

MAXWELL, JOHN GARY GS 065
2131 S. 17TH ST. A * AC
WILMINGTON 28402 919 343-0161

MAXWELL, MICHAEL C. 034
418 LOCKLAND AVENUE A S
WINSTON-SALEM 27103 919 723-8294

MAY, CHARLES RAYSOR, III AN 026
2345 ROLLING HILL RD. A P AC
FAYETTEVILLE 28304 919 323-5491

MAY, DAVID ALAN 032
100-D BERNARD ST. A S
CHAPEL HILL 27514 919 929-3078

MAY, HARVEY CRAIG GYN 060
2711 RANDOLPH ROAD, SUITE 305 A AC
CHARLOTTE 28207 704 372-8020

MAY, RONALD BRUCE PD /HEM 025
CRAVEN COUNTY HOSPITAL A AC
P. O. BOX 1390
NEW BERN 28560 919 633-4121

MAY, WILLIAM JOSEPH GYN /OBG 034
300 S. HAWTHORNE ROAD AC
WINSTON-SALEM 27103 919 748-4595

MAYBIN, RICHARD MADDEN GP /HYP 023
ROUTE #2 A AC
LAWNDALE 28090 704 538-8532

MAYER, CAREY CHARLES P 067
445 WESTERN BLVD., STE. A A AC
JACKSONVILLE 28540 919 347-1920

MAYER, EUGENE STEPHEN GPM 032
UNC MED. SCH., 221H, A AC
WING C, BOX 3
CHAPEL HILL 27514 919 966-2461

MAYER, MARK EDWARD IM 051
307 W. MAIN ST. A AC
BENSON 27504 919 966-4131

MAYER, NORMAN MICHAEL EM 041
P. O. BOX 29066 AC
GREENSBORO 27408 919 379-4040

MAYER, WALTER BREM IM 060
2420--407 ROSWELL AVENUE A L/RT
CHARLOTTE 28209 704 333-4322

MAYNARD, CHARLES DOUGLAS NM 034
BOWMAN GRAY, DEPT. OF RAD. A AC
WINSTON-SALEM 27103 919 748-4575

MAYNARD, DAVID RUSSELL AN 041
1816 PEMBROKE RD., STE. #2 A P AC
GREENSBORO 27408 919 272-3720

MAYNOR, JAYNE PATRICE 032
P. O. BOX 606 A S
PEMBROKE 28372 919 521-4208

MAYO, JOSEPH DIXON, JR. FP 091
406 DABNEY DRIVE AC
HENDERSON 27536 919 438-3155

MAYRAND, ELIZABETH PTH 080
701 BARKER ST. A P * AC
SALISBURY 28144 919 998-8433

MAYS, OLIVER AIKEN PH 096
609 GLOUCESTER ROAD A P AC
GOLDSBORO 27530 919 736-7801

MAYSE, RAY SCOTT IM 023
707 W. KING STREET AC
KINGS MOUNTAIN 28086 704 739-9776

MCADAMS, CHARLES R., JR. GS /GYN 060
225 HAWTHORNE LN. STE. 401 A AC
CHARLOTTE 28204 704 372-7741

MCADAMS, HOLMAN PAGE 032
2005 TREETOP LANE, APT. 22 A S
SILVER SPRING, MD 20904

MCALISTER, JAMES ALLEN, JR PTH /CLP 060
2527 WINDING OAK DR. A AC
MATTHEWS 28105 704 375-1758

MCALISTER, JEAN COLVIN PD 041
925 NEW GARDEN RD., APT. 121 A L/RT
GREENSBORO 27410 919 855-8489

MCALISTER, LINDA THERESA OBG 026
PO BOX 53514 A AC
FAYETTEVILLE 28305 919 485-1191

MCALLISTER, DAVID WHITNEY OBG 060
2711 RANDOLPH RD., SUITE 512 AC
CHARLOTTE 28207 704 333-4104

MCALLISTER, JAMES GRAY, III P 032
157 1/2 E. FRANKLIN ST. * AC
P. O. BOX 864
CHAPEL HILL 27514 919 968-4651

MCARN, HUGH MUNROE, JR. FP /GP 083
422 KING STREET A AC
LAURINBURG 28352 919 276-2100

MCAULIFFE, JOHN EDWARD AN 064
3709 WESTRIDGE CIRCLE DR. AC
ROCKY MOUNT 27801 919 443-2125

MCBRIDE, ALLEN JOSEPH FP /GER 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-2234

MCBRIDE, ROBERT BENNIS, JR. ORS 060
101 WT HARRIS BLVD.,STE. 220-A A AC
CHARLOTTE 28213 704 547-1552

MCBRYDE, ANGUS MURDOCH, JR. ORS 060
1012 KINGS DR., STE. 101 A P * AC
CHARLOTTE 28283 704 372-0743

MCBRYDE, ANGUS MURDOCH, SR. PD 032
38 GLENMONE DRIVE A L/RT
DURHAM 27707 919 489-3282

MCCABE, JAMES MICHAEL N/P 034
1606 ACADEMY STREET A AC
WINSTON-SALEM 27103 919 721-9130

MCCAIN, JOHN LEWIS RHU /IM 098
WILSON CLINIC A P * AC
WILSON 27893 919 291-7001

MCCAIN, KENNETH FRANKLIN A 034
223 HARPER STREET A AC
WINSTON-SALEM 27104 919 765-3756

MCCALL, CHARLES EMORY IM /ID 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-4584

MCCALL, MARVIN MATHER, III CD /IM 060
P. O. BOX 32861 A AC
CHARLOTTE 28232 704 338-3165

MCCALL, MICHAEL ALVIN FP 059
P. O. BOX 1229 A AC
MARION 28752 704 433-2492

MCCALL, WILLIAM HERBERT OPH 011
601 CITY BUILDING A L
ASHEVILLE 28801 704 253-0421

MCCALL, WILLIAM, JR. A/IM 034
1405 PLAZA DRIVE AC
WINSTON-SALEM 27103 919 765-4131

MCCANN, RICHARD LUCAS GS /CDS 032
BOX 2990, DUMC A AC
DURHAM 27710 919 684-2620

MCCARTNEY, CHERYL FAINTUCH P 032
UNC, WING D, 208-H AC
CHAPEL HILL 27514 919 966-4551

MCCARTNEY, WILLIAM HUGH DR /NM 032
NCMH, DEPT. OF RADIOLOGY AC
CHAPEL HILL 27514 919 966-4384

MCCARTY, RALPH LEEVES CRS 060
2028 RANDOLPH ROAD A L/RT
CHARLOTTE 28207 704 333-1259

MCCASKILL, LLOYD CURTIS EM /FP 083
P. O. BOX 788 A AC
MAXTON 28364 919 844-3236

MCCASKILL, SAMUEL GAULT, JR. OBG 091
RUIN CREEK ROAD A AC
HENDERSON 27536 919 492-8576

MCCAULEY, ROGER LEE P 034
190 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-6930

MCCLAIN, LINDA 074
EVANS TRAILER PK. A S
RT. 2, BOX 89
WINTERVILLE 28590 919 756-6481

MCCLOSKEY, SCOTT MICHAEL NS 018
420 N. CENTER STREET A AC
HICKORY 28601 704 327-9740

MCCLOUD, WILLARD LAVERNE GYN /GP 034
620 DUNLEITH AVENUE, N. E. AC
WINSTON-SALEM 27101 919 725-0827

MCCOLLUM, DONALD EUGENE ORS 032
BOX 2919, DUMC A AC
DURHAM 27710 919 684-4055

MCCOMB, JOHN SANFORD OBG 041
1507 WESTOVER TERR. A AC
GREENSBORO 27408 919 273-0936

MCCONNACHIE, CHARLES CHRIS. ORS 045
1027 FLEMING STREET H
HENDERSONVILLE 28739 704 692-5781

MCCONNELL, MARY HELEN PD 011
675 BILTMORE AVENUE A * AC
ASHEVILLE 28803 704 253-1641

MCCONNELL, ROBERT WILLIAM R/NM 074
1711 W. SIXTH STREET A P AC
GREENVILLE 27834 919 752-5000

MCCONVILLE, JOSEPH FRANCIS AN 034
2291 BRECKNOCK DR. A R
WINSTON-SALEM 27103 919 765-2259

MCCONVILLE, ROBERT HOWARD, JR. FP 053
611 WICKER ST. A AC
PO BOX 387
SANFORD 27330 919 774-6023

MCCOOL, JAMES ALVIS PTH 034
3333 SILAS CREEK PARKWAY A AC
WINSTON-SALEM 27103 919 773-3840

MCCORMICK, CAROLYN BRUMM FP 078
500 W. 27TH STREET A AC
LUMBERTON 28358 919 738-3718

MCCORMICK, JOHN THOMAS ORS 014
401 MULBERRY ST. SW. STE. 103 A P AC
LENOIR 28645 704 758-7091

MCCOY, JOSEPH BENNETT, JR. GYN 060
150 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0461

MCCOY, MARSHALL CLARKE 074
T-2 DOCTOR'S PARK APTS. A R
GREENVILLE 27834 919 758-8045

MCCOY, RALPH CARLISLE PTH 065
1952 HILLSBORO ROAD A P * AC
WILMINGTON 28401 919 343-7074

MCCRACKEN, JOSEPH STUART OPH 032
2609 N. DUKE ST. #203 A * AC
DURHAM 27704 919 471-8495

MCCRORY, MICHAEL ELLIOTT DR 032
2609 N. DUKE ST. STE. 303 A P AC
DURHAM 27704 919 471-8411

MCCUE, JACK DEAN IM /ID 034
BOWMAN GRAY, DEPT. OF MED. A AC
WINSTON-SALEM 27103 919 748-4678

MCCUEN, BROOKS WALTON, II OPH 032
BOX 3802, DUMC A AC
DURHAM 27710 919 684-6749

MCCULLEN, BOBBY K., JR. OPH /OALR 032
208 W. UNIVERSITY DR. A S
CHAPEL HILL 27514 919 942-4623

MCCULLOUGH, CHARLES T., JR ORS 011
BONE AND JOINT CLINIC A AC
DOCTOR'S DRIVE
ASHEVILLE 28801 704 254-9504

MCCULLOUGH, DAVID LEGARDE U 034
BOWMAN GRAY, DEPT. OF URO. A P AC
WINSTON-SALEM 27103 919 748-4131

MCCUNNIFF, DENNIS EDWARD OBG 034
1025 WESSYNGTON ROAD A AC
WINSTON-SALEM 27104 919 768-6221

MCCUSKER, FRANCIS XAVIER IM 074
PO BOX 190 A AC
WALSTONBURG 27888 919 753-4613

MCCUTCHAN, JAMES HUTTON IM /ID 032
UNC STUDENT HEALTH AC
CHAPEL HILL 27514 919 966-2281

MCCUTCHEN, LISA STAR P 034
300 S. HAWTHORNE ROAD A R
WINSTON-SALEM 27103 919 748-3605

MCCUTCHEN, THOMAS M., JR PD 026
1213 WALTER REED ROAD AC
FAYETTEVILLE 28304 919 484-6121

MCCUTCHEON, WILLIAM B., JR TS /CDS 032
1830 HILLANDALE ROAD A P AC
DURHAM 27705 919 383-5531

MCDANIEL, EUGENE MARVIN, JR. OBG 070
1142 N. ROAD STREET AC
ELIZABETH CITY 27909 919 338-0101

MCDANIEL, JACK PASCHAL OBG 026
1320 MEDICAL DRIVE A AC
FAYETTEVILLE 28304 919 323-3301

MCDANIEL, WILLIAM JASON, JR. ORS 092
P. O. BOX 10707 A * AC
RALEIGH 27605 919 781-5600

MCDAVID, JOSHUA DENT 032
711-C HIBBARD DR. A S
CHAPEL HILL 27514 919 933-6482

MCDERMOTT, ROBERT WILLIAM P 034
766 HERTFORD ROAD A AC
WINSTON-SALEM 27104 919 768-3942

MCDEVITT, NOEL BRUCE PS /HS 063
1 MEMORIAL DR. A * AC
PINEHURST 28374 919 295-5131

MCDONALD, CARY CRANE 032
105-A STEPHENS ST. A S
CHAPEL HILL 27514 919 929-3549

MCDONALD, CORNELIUS TRAWICK GS 096
713 SIMMONS STREET AC
GOLDSBORO 27530 919 735-0144

MCDONALD, PENELOPE JANE 074
M-4 DOCTOR'S PARK APTS. A S
GREENVILLE 27834 919 758-8552

MCDONELL, CHARLES FRANKLIN,JR. OBG 018
ROUTE #11, BOX 465 AC
HICKORY 28601 704 322-3017

MCDONNELL, KENNETH PAUL 032
1911 ERWIN RD., APT. B A S
DURHAM 27705

MCDONOUGH, JAMES MICHAEL PS /GS 011
5 LIVINGSTON STREET AC
ASHEVILLE 28801 704 254-1234

MCDOUGAL, EMORY GARY GS 018
204 5TH STREET PLACE NE AC
CONOVER 28613 704 322-9105

MCDOWELL, ROBERT WARREN GP 092
734 ROCK QUARRY ROAD A AC
RALEIGH 27610 919 832-5389

MCDOWELL, ROY HENDRIX FP 036
100 DOGWOOD LANE A L/RT
BELMONT 28012 704 825-8546

MCDUFFIE, ROBERT STANLEY OBG 011
211 DOCTOR'S BUILDING AC
ASHEVILLE 28801 704 254-8166

MCELROY, RICHARD ALLEN GP 080
P. O. BOX 186 A AC
LANDIS 28088 704 857-2711

MCELWEE, ROSS SIMONTON, JR. GS 060
3535 RANDOLPH RD. STE. 201-W A AC
CHARLOTTE 28211 704 364-8100

MCELWEE, THOMAS BRENTON GS 074
DEPT. OF SURGERY A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-4629

MCENTIRE, JERRILL LEE FP 059
DRAWER 789 AC
OLD FORT 28762 704 668-7694

MCFADDEN, JAMES STUART AN 063
P. O. BOX 3000 AC
PINEHURST 28374 919 295-7184

MCFADYEN, OSCAR LEE, JR. IM 026
524 VALLEY ROAD A L/RT
FAYETTEVILLE 28305 919 484-0221

MCFALLS, VERNON WENDELL PD 040
624 QUAKER LANE, SUITE 100-A A AC
HIGH POINT 27262 919 882-4187

MCGEE, JOHN ASBURY, JR. OBG 060
3535 RANDOLPH ROAD, SUITE 105 A AC
CHARLOTTE 28211 704 365-0470

MCGEE, JULIAN MURRILL GP 041
1101 N ELM ST., APT. 508 A L/RT
GREENSBORO 27401 919 272-0787

MCGHEE, TERENCE BARCLAY N/IM 011
7 MCDOWELL STREET A AC
ASHEVILLE 28801 704 255-7776

MCGILL, JOHN CHARLES FP 023
P. O. BOX 392 A AC
KINGS MOUNTAIN 28086 704 739-3681

MCGILLICUDDY, DENIS MICHAEL ORS 074
117 MEDICAL DRIVE A P AC
GREENVILLE 27834 919 758-1777

MCGIMSEY, JAMES FRANKS, JR. IM /P 012
106 EDGEWOOD AVENUE * AC
MORGANTON 28655 704 433-2744

MCGINNIS, BARRY DOUGLAS R 060
3535 RANDOLPH RD., STE. 102 A P AC
CHARLOTTE 28211 704 331-2274

MCGINNIS, HIRSCHEL 032
BOX 2772, DUMC A S
DURHAM 27710

MCGIRT, MURPHY FRANK, JR. ORS 054
KINSTON CLI., NORTH A AC
KINSTON 28501 919 522-4155

MCGOUGH, JAMES JOHN 032
5081 DUKE STATION A S
DURHAM 27706 919 286-5414

MCGOUGH, WILLIAM MARION EM /FP 079
1403 PENNROSE DR. AC
REIDSVILLE 27320 919 349-8461

MCGRADY, KATHLEEN REILLY PD 050
P. O. DRAWER 365 A P AC
CASHIERS 28717 704 743-3960

MCGRATH, JAMES STUART FP 086
EAST BEND COMM. HEALTH CTR A AC
P. O. BOX 126
EAST BEND 27018 704 699-3936

MCGRORY, EDWARD JOSEPH,JR. OPH 092
3900 OLD WAKE FOREST ROAD A AC
RALEIGH 27609 919 872-3242

MCGUIRE, JOHN O'BRIEN GS /CDS 011
16 MCDOWELL STREET A AC
ASHEVILLE 28801 704 252-3366

MCGUIRE, MARSDEN HAMILTON 032
1320-10 EPHESUS CHURCH RD. A S
CHAPEL HILL 27514 919 942-8453

MCGUIRT, WILLIAM FREDERICK OTO /ON 034
300 S. HAWTHORNE RD. A * AC
WINSTON-SALEM 27103 919 748-4161

MCGUIRT, WILLIAM FREDERICK,JR. 032
CAROLINA APTS. A-6 A S
CARRBORO 27510 919 929-5170

MCINNIS, ANGUS GUY FP 079
1123 S. MAIN STREET AC
REIDSVILLE 27320 919 342-4286

MCINNIS, TERRY ALICE 034
713 CHOCKECHERRY CT. A * S
LEWISVILLE 27023 919 945-4684

MCINTOSH, ARCHIBALD NOCK GP 059
219 S. MAIN STREET A AC
MARION 28752 704 652-4211

MCINTYRE, ROSS WILLIAM AN 032
BOX 3071, DUMC AC
DURHAM 27710 919 681-4774

MCIVOR, ANDREW CRAIG 034
646 BRENT ST. A S
WINSTON-SALEM 27103 919 725-8200

MCJILTON, ROY ALAN OTO 078
201 W. 28TH STREET A P AC
LUMBERTON 28358 919 738-4226

MCKAY, CLINTON HULL IM 060
2711 RANDOLPH ROAD, #100 A L/RT
CHARLOTTE 28207 704 373-0700

MCKAY, HAMILTON W., JR. A/IG 060
CHARLOTTE ALLERGY CLINIC A * AC
P. O. BOX 221189
CHARLOTTE 28222 704 372-7900

MCKEE, LEWIS MIDDLETON IM 032
17 SURREY LN., HOPE VALLEY A L/RT
DURHAM 27707 919 489-3262

MCKEEL, MILLARD FILMORE NS 011
445 BILTMORE AVE. A * AC
ASHEVILLE 28801 704 258-8500

MCKEITHEN, MURDOCH RITCHIE OBG 083
P. O. BOX 1808 A AC
LAURINBURG 28352 919 276-4432

MCKENZIE, EDWARD BURT GS 080
709 BARKER STREET A AC
SALISBURY 28144 704 633-3441

MCKENZIE, SHEPPARD ALLEN, III OBG /IM 092
3805 COMPUTER DRIVE A AC
RALEIGH 27609 919 781-6200

MCKENZIE, WAYLAND NASH GP 084
P. O. BOX 248 A * L
ALBEMARLE 28002 704 982-3312

MCKEOWN, WILLIAM DAVID IM /GER 041
1100 OLIVE STREET A AC
GREENSBORO 27401 919 378-9906

MCKINLEY, PHILIP HOWARD OPH 034
3111 MAPLEWOOD AVENUE AC
WINSTON-SALEM 27103 919 768-3240

MCKINNEY, ALEXANDER STUART N 044
102 HOSPITAL DR. A * AC
CLYDE 28721 704 452-0331

MCKINNEY, WILLIAM MARKLEY N/NM 034
BOWMAN GRAY, DIV.OF NEUR. A AC
WINSTON-SALEM 27103 919 748-4494

MCKINNON, WILLIAM JAMES GS 004
407 S. GREENE ST. A L/RT
PO BOX 309
WADESBORO 28170 704 694-2316

MCKNIGHT, MARTHA ANNE P/CHP 032
USAF REGIONAL HOSPITAL A R
LAKENHEATH/SG
APO NEW YORK, NY 09179

MCKNIGHT, RODNEY LEONARD AN 023
P. O. BOX 957 A P AC
SHELBY 28150 704 434-9671

MCLAIN, BILL REID FP 049
ROUTE #2, BOX 542 A RT
MOORESVILLE 28115 704 663-3584

MCLAIN, LEE WILLIAM, JR. N 092
PO BOX 40999 A AC
RALEIGH 27629 919 782-3456

MCLAMB, JOSEPH TIMOTHY ORS 096
2701 MEDICAL OFFICE PLACE A AC
GOLDSBORO 27530 919 736-2157

MCLAMB, SAMUEL BAGGETT, JR. IM 096
201 COX BOULEVARD A AC
GOLDSBORO 27530 919 734-9455

MCLANAHAN, CHARLES SCOTT NS 060
1010 EDGEHILL ROAD, N. A P AC
CHARLOTTE 28207 704 376-1605

MCLAUGHLIN, JAMES CHARLES OBG 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

MCLAURIN, ANNE NORRIS FP 092
600 WADE AVENUE AC
RALEIGH 27605 919 755-1888

MCLEAN, AUGUSTUS ALEXANDER, JR GP 008
P. O. BOX 98 A L/RT
MURFREESBORO 27855 919 398-3789

MCLEAN, HARRY H., III FP /EM 074
ECU STUDENT HEALTH SERVICE A AC
GREENVILLE 27834 919 757-6841

MCLEAN, JONATHAN OWENS CD /IM 060
2330 RANDOLPH RD. LAUREL AVE A AC
CHARLOTTE 28207 704 377-0575

MCLEAN, MALCOLM PD 060
1851 E. THIRD STREET, STE. 103 AC
CHARLOTTE 28204 704 333-6659

MCLEAN, ROSS LEWIS IM /PUD 034
BOWMAN GRAY, DEPT. OF MED. A P AC
WINSTON-SALEM 27103 919 748-4325

MCLEAN, WALTER COPLEY, JR. OPH 011
276 E. CHESTNUT ST. A AC
ASHEVILLE 28801 704 255-8978

MCLEAN, WILLIAM THADDEUS, JR. N/PD 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-2316

MCLEAR, RONALD KENT EM 032
3200 CROASDAILE DR. STE. 201 A AC
DURHAM 27705 919 549-9335

MCLELLAND, ROBERT DR 032
3716 ST. MARKS ROAD AC
DURHAM 27707 919 489-0407

MCLENDON, WILLIAM WOODARD CLP /PTH 032
NCMH, DEPT. OF LABORATORIES A AC
CHAPEL HILL 27514 919 966-2317

MCLEOD, JONNIE HORN PD 060
DEPT. OF HUMAN SERVICES AC
UNC CHARLOTTE STATION
CHARLOTTE 28223 704 597-2171

MCLEOD, MARY MARGARET PD /A 053
P. O. DRAWER 1047 A P L
SANFORD 27330 919 775-7642

MCLEOD, MICHAEL EUGENE GE /IM 032
BOX 3073, DUMC AC
DURHAM 27710 919 684-4046

MCLEOD, VIDA CANADAY GP 063
265 N. RIDGE ST. A L
SOUTHERN PINES 28387 919 692-0333

MCLEOD, WILLIAM LESLIE GYN 060
2711 RANDOLPH ROAD, STE. 305 A AC
CHARLOTTE 28207 704 372-8020

MCLEOD, WILLIAM LOUIS GP 084
P. O. BOX 100 A L
OAKBORO 28129 704 485-3319

MCLESTER, WILLIAM DUMAS OPH /PTH 026
597 OLIVER STREET A P * AC
FAYETTEVILLE 28304 919 323-2002

MCMAHAN, THOMAS KEITH IM /FP 097
PO BOX 976 A P AC
1710 PARKWOOD DR., NORTH STE.
WILKESBORO 28697 919 667-2634

MCMANUS, HUGH FORREST, JR. IM 092
722 ST. MARY'S STREET A L
RALEIGH 27605 919 832-6510

MCMILLAN, CAMPBELL WHITE PHO /PD 032
UNC, DEPT. OF PED. 229-H A AC
CHAPEL HILL 27514 919 966-3133

MCMILLAN, JAMES FULFORD P 065
1301 LIVE OAK PARKWAY A RT
WILMINGTON 28403 919 762-8178

MCMILLAN, JAMES H. FP 011
206 ASHELAND AVE. A P AC
ASHEVILLE 28801 704 258-8681

MCMILLAN, ROBERT MONROE IM 063
P. O. BOX 178 A L/RT
SOUTHERN PINES 28387 919 692-6885

MCMURRAY, CLARENCE MCCAIN IM 023
808 SCHENCK STREET A AC
SHELBY 28150 704 482-1482

MCMURRY, AVERY WILLIS GS 023
207 LEE STREET A P * AC
SHELBY 28150 704 482-6359

MCMURRY, DAVID WILLIS IM 013
130 LAKE CONCORD ROAD A P AC
CONCORD 28025 704 782-3114

MCMURRY, JOHN EUGENE, JR. OTO 065
2311 DELANEY AVE. AC
WILMINGTON 28401 919 762-3866

MCNABB, JAMES WILLIAM FP 049
417 E. STATESVILLE AVE. A AC
MOORESVILLE 28115 704 663-7328

MCNAMARA, JAMES O'CONNELL N 032
400 LAKE SHORE LANE AC
CHAPEL HILL 27514 919 286-0411

MCNAMARA, JOHN FRANCIS, II OBG 060
2711 RANDOLPH ROAD, STE 512 A P AC
CHARLOTTE 28207 704 333-4104

MCNEIL, QUINCY ALBERT, JR. OBG 034
2909 MAPLEWOOD AVENUE AC
WINSTON-SALEM 27103 919 765-2802

MCNEILL, CLAUDE ACKLE, JR. FP 086
248 DUTCHMAN CREEK RD. A L/RT
ELKIN 28621 919 835-3136

MCNEILL, DONALD DRAKE, JR. PTH /CLP 014
P. O. DRAWER 680 A * AC
LENOIR 28645 704 754-7063

MCNEILL, MARY DAVIS FP /PD 025
P. O. BOX 719 A AC
HAVELOCK 28532 919 447-3613

MCNIEL, JESSE NEAL P 001
1602 MEMORIAL DRIVE A P AC
BURLINGTON 27215 919 227-1123

MCPHAIL, SCHUBERT DEAN OBG 041
1517 N. CHURCH ST. A AC
GREENSBORO 27408 919 379-8460

MCPHERSON, HARRY THURMAN END /IM 032
DUKE UNIV. MED. CTR. AC
DURHAM 27710 919 684-2186

MCPHERSON, SAMUEL DACE, JR. OPH 032
1110 W. MAIN STREET A AC
DURHAM 27701 919 682-9341

MCQUADE, JOHN FRANCIS, III CD 025
4511 GLOUCESTER DRIVE A AC
NEW BERN 28560 919 633-1010

MCQUEEN, FRED DOUGLAS, JR. FP 077
P. O. DRAWER 1257 A AC
HAMLET 28345 919 895-3138

MCQUEEN, JAMES AUBREY PD 083
418 KING STREET AC
LAURINBURG 28352 919 276-7570

MCQUEEN, ROBERT BRUCE, JR. FP 001
780 WOODY DRIVE AC
GRAHAM 27253 919 228-1354

MCRAE, MARVIN EVERETT D 041
1009 COUNTRY CLUB DR. A L/RT
GREENSBORO 27408

MCRAE, WILLIAM KENNETH GP 041
UNC-G STUDENT HEALTH CENTER AC
GREENSBORO 27412 919 379-5340

MCREE, CHRISTINE ELLIS CHP 092
DOROTHEA DIX HOSP.- PSY. AC
RALEIGH 27611 919 733-5344

MCWHORTER, JOE MAURICE NS 034
300 S. HAWTHORNE RD. A * AC
WINSTON-SALEM 27103 919 748-4020

MCWHORTER, ROBERT LIGON IM 013
68 LAKE CONCORD ROAD, N.E. A P AC
CONCORD 28025 704 782-3135

MEADS, MANSON IM 034
300 S. HAWTHORNE RD. A L/RT
WINSTON-SALEM 27103 919 748-4301

MEANS, ROBERT LEE GS 034
PO BOX 5082, ARDMORE STATION A AC
WINSTON-SALEM 27103 919 725-1602

MEARS, GREGORY DON 034
905 CAMDEN CT. A R
WINSTON-SALEM 27103 919 723-7160

MEASE, WILLIS EUGENE FP 067
209 S. CHURCH ST. A P * AC
RICHLANDS 28574 919 324-3105

MEBANE, GILES YANCEY FP 001
202 S. FIFTH STREET A AC
MEBANE 27302 919 563-9341

MEBANE, JOHN GILMER IM 081
P. O. BOX 1405 A L/RT
RUTHERFORDTON 28139 704 287-3515

MEDDERS, JAMES DOYLE GP /CD 035
113 JOLLY STREET A AC
LOUISBURG 27549 919 496-4250

MEDDERS, RUSSELL GLEN 032
221 BRANDON ROAD A R
TOWSON, MD 21212

MEDLIN, CHARLES THOMAS FP 092
2000 HIGHWAY 70 WEST AC
GARNER 27529 919 772-3266

MEDOFF, JEFFREY ROY GE 041
1409 PEMBROKE RD. A AC
GREENSBORO 27408 919 378-0774

MEECE, JEANNINE MARIE PD 074
1800 W. FIFTH ST., STE. #8 AC
GREENVILLE 27834 919 758-1750

MEEK, JOE BERNARD ORS 026
1300 MEDICAL DRIVE AC
FAYETTEVILLE 28304 919 484-2171

MEGA, LESLY TAMARIN CHP /P 074
ECU, DEPT. OF PSYCHIATRY A AC
GREENVILLE 27834 919 757-2673

MEHTA, HASUMATI VIJAYKUMAR FP /OBG 026
1611 OWEN DR. AC
FAYETTEVILLE 28304 919 323-4091

MEHTA, NALIN CHIMANLAL IM /ON 084
815 N. THIRD ST. AC
ALBEMARLE 28001 704 983-3508

MEHTA, VIJAYKUMAR B. HEM /ON 026
1611 OWEN DR. AC
FAYETTEVILLE 28304 919 323-4091

MEINHARDT, RALPH FREDERICK GS 009
P. O. BOX 1146 AC
ELIZABETHTOWN 28337 919 862-3112

MEIS, PAUL JEAN OBG /NPM 034
BOWMAN GRAY,DEPT. OF OBG AC
WINSTON-SALEM 27103 919 748-4039

MELARAGNO, HELEN P. FP 060
2001 E. FIFTH STREET A AC
CHARLOTTE 28204 704 373-1663

MELCHIOR, JOSEPHINE T. PD 098
1124 NIBLICK DRIVE AC
ROCKY MOUNT 27801 919 442-8290

MELERO, ANDRES TARCISIO GS /TS 073
P. O. BOX 28 A AC
ROXBORO 27573 919 599-2953

MELTON, BARRY CLINE 074
1095-K CHEYENNE COURT A S
GREENVILLE 27834 919 756-2917

MELTON, JAMES DURANT FP 012
ROUTE #3, BOX 50 A P AC
MORGANTON 28655 704 437-9401

MELTON, JAMES WILLARD, JR. 032
302-F BOLINWOOD APTS. A S
CHAPEL HILL 27514 919 942-1729

MELTON, KATHERINE ROSE GS /NTR 060
1900 RANDOLPH RD. #718 A RT
CHARLOTTE 28207 704 332-6756

MELTZER, MORTON FP /P 092
ROUTE 1, BOX 231-A A P AC
CAMERON 28326 919 245-4819

MELVIN, TERESA ANN 032
208 NATURE TRAIL A S
CHAPEL HILL 27514 919 942-7775

MELVIN, WINSLOW BRITT AN 074
1109 BUCKLEY RD. APT. #3 A R
LIVERPOOL, NY 13088 315 451-2637

MENDELSOHN, STEVEN LOUIS RHU /IM 011
445 BILTMORE CTR., STE. 306 AC
ASHEVILLE 28801 704 258-9533

MENNILLO, ROGER NILES 032
811 VICKERS AVE. A S
DURHAM 27701 919 688-0527

MENSCER, DARLYNE FP 060
DEPT. OF FAMILY PRACTICE A AC
CHARLOTTE MEM. HOSP, BOX 32861
CHARLOTTE 28232 704 338-3172

MEREDITH, JAY WAYNE TRS /TS 034
363 SPRINGDALE AVENUE A R
WINSTON-SALEM 27104 919 748-2011

MEREDITH, JESSE HEDGEPETH GS /TS 034
BOWMAN GRAY, DEPT. OF SURG. A * AC
WINSTON-SALEM 27103 919 748-4278

MERLO, RICHARD BARTLETT R/NM 086
773 BROOKWOOD DRIVE A AC
ELKIN 28621 919 835-3722

MERRILL, RICHARD HOSMER NEP /IM 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-2545

MERTESDORF, JAMES MICHAEL GE 060
1350 S. KINGS DR. A AC
CHARLOTTE 28207 704 372-8750

MERWARTH, CHARLES RICHARD IM /A 092
2800 BLUE RIDGE BLVD. #503 A P AC
RALEIGH 27607 919 782-7500

MESROBIAN, HRAIR-GEORGE U 032
428 BURNETT-WOMACK 229-H A AC
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514 919 966-2572

MESSENHEIMER, JOHN ANDREW N/IM 032
UNC, DEPT. OF NEUROLOGY A AC
CHAPEL HILL 27514 919 966-3707

METZEROTT, KIRK OLIVER AN 060
ROUTE #3 A AC
WAXHAW 28173 704 843-3109

METZGER, GEORGE ANDREW IM /NEP 014
322 MULBERRY ST., SW A AC
PO BOX 1020
LENOIR 28645 704 758-5544

METZGER, W. JAMES IM /AI 074
ECU, DEPT. OF MEDICINE A AC
GREENVILLE 27834 919 757-2562

MEWBORN, QUENTIN ALEXANDER, JR FP 074
P. O. BOX 1966 A AC
GREENVILLE 27834 919 752-7133

MEYER, ANDREW FREDERIC AN 032
BOX 3083, DUKE MED. CENTER AC
DURHAM 27710 919 681-6526

MEYER, ANTHONY ANDREW GS 032
UNC, BURNETT-WOMACK,
229-H -- ROOM 164 A * AC
CHAPEL HILL 27514 919 966-4321

MEYER, CLINTON LOUIS GE /IM 065
1202 MEDICAL CENTER DR. A AC
WILMINGTON 28401 919 763-8251

MEYER, DAVID DAVIS 034
1800 S. HAWTHORNE ROAD AC
WINSTON-SALEM 27103 919 768-1860

MEYER, GEORGE WRIGHT OPH 032
1106 HILLANDALE ROAD A AC
DURHAM 27705 919 286-9663

MEYER, HAROLD PD 032
809 WOODLAND A AC
CHAPEL HILL 27514 919 929-0461

MEYER, HOBART, JR. OBG 078
4300 FAYETTEVILLE ROAD A AC
LUMBERTON 28358 919 738-9601

MEYER, ROBERT SWENSON FP 096
307 CASHWELL DR. A P AC
GOLDSBORO 27530 919 658-4954

MEYERS, JAMES HOWARD PTH 034
2540 EMPIRE DR. AC
WINSTON-SALEM 27103 919 722-9410

MEYERS, WILLIAM CLARK GS /CRS 032
BOX 3041, DUMC A AC
DURHAM 27710 919 684-6437

MEYERSON, MARTIN BENJAMIN TR 065
NEW HANOVER MEM. HOSP. A AC
WILMINGTON 28403 919 343-7017

MEYMANDI, ASSAD P/N 026
1212 WALTER REED ROAD A P * AC
FAYETTEVILLE 28304 919 485-6166

MEZER, HOWARD CABITT OBG /END 041
1305 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 273-2835

MICHAEL, DOUGLAS WORTH FP 018
P. O. BOX 774 AC
CONOVER 28613 704 464-3821

MICHAEL, OTIS BENTLEY IM /CD 011
DOCTOR'S BLDG, SUITE 301 A AC
ASHEVILLE 28801 704 255-8947

MICHAL, RICHARD GLENN FP 064
1041 NOELL LANE, STE. 101 AC
ROCKY MOUNT 27801 919 443-3133

MICHAL, WILLIAM NORWOOD, JR. PD 040
624 QUAKER LANE, SUITE 200-A A AC
HIGH POINT 27262

MICHALAK, DANIEL PETER OBG 098
1700 S. TARBORO ST. A P AC
WILSON 27893 919 291-9010

MICHELS, RONALD CHARLES IM /END 034
250 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-4730

MICKLE, THEODORE ARTHUR, JR. FP 026
7044 EVANSTON ST. A R
FAYETTEVILLE 28304 919 396-1908

MILAM, WILLIAM FREER PTH 023
PO BOX 1268 P * AC
SHELBY 28150 704 487-3147

MILES, JOHN RALPH, JR. GS /CDS 036
211 S. CHESTNUT ST. AC
GASTONIA 28054 704 867-8975

MILHOLM, RICHARD LEROY FP 045
2305 ASHEVILLE HIGHWAY A AC
HENDERSONVILLE 28739 704 692-7122

MILLER, ALMA ELIZABETH P/IM 080
1111 CRESTVIEW DRIVE A P AC
SALISBURY 28144 704 637-2729

MILLER, ANDREW CLEVELAND,III FP 036
311 W. THIRD AVENUE AC
GASTONIA 28052 704 865-4231

MILLER, CAMERON EUGENE FP /P 005
P. O. BOX 238 A AC
JEFFERSON 28640 919 246-4746

MILLER, DAVID CHARLES ORS 033
106 HERITAGE CIRCLE A AC
TARBORO 27886 919 823-7212

MILLER, DAVID EDMOND CD /IM 032
CENTRAL MEDICAL PARK A AC
2609 N. DUKE ST., STE. 403
DURHAM 27704 919 471-8441

MILLER, DONALD STUART ND /ON 023
1405-B N. LAFAYETTE STREET AC
SHELBY 28150 704 482-8936

MILLER, DUDLEY OBG 026
150 ROBESON STREET A AC
FAYETTEVILLE 28301 919 483-3156

MILLER, EDITH HAMILTON IM /END 060
1350 S. KINGS DRIVE A AC
CHARLOTTE 28207

MILLER, EDMUND EUGENE OPH 095
200 DOCTORS DRIVE A P AC
BOONE 28607 704 264-0042

MILLER, EDWARD JAMES GP 005
P. O. BOX 27 A AC
JEFFERSON 28640 919 246-7433

MILLER, EMERY CLYDE, JR. END /IM 034
300 S. HAWTHORNE RD. A * AC
WINSTON-SALEM 27103 919 748-4274

MILLER, GEORGE JOHN, JR. ORS 007
1207 HIGHLAND DRIVE A P AC
WASHINGTON 27889 919 946-6513

MILLER, GEORGE ROLFE ORS 036
902 COX ROAD, SUITE A A AC
GASTONIA 28052 704 865-6487

MILLER, HAROLD MELTON EM /FP 013
4367 WEDDINGTON RD. AC
CONCORD 28025 704 786-2111

MILLER, HENRY SHELTON, JR. CD /IM 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4467

MILLER, HERSEY EUGENE OTO /HNS 049
702 HARTNESS ROAD A AC
STATESVILLE 28677 704 873-5224

MILLER, HORACE WILLIAM, IV PS 060
586 WALNUT ST. A R
CARRIAGE HOUSE
NEW ORLEANS, LA 70118

MILLER, HORACE WILLIAM, JR. IM /CD 026
1766 METROMEDICAL DR. AC
FAYETTEVILLE 28304 919 485-2921

MILLER, HOWARD EDWARD ORS 001
723 EDITH STREET AC
BURLINGTON 27215 919 227-4256

MILLER, IRA BEN IM 040
110 CHURCH STREET A AC
HIGH POINT 27260 919 884-5888

MILLER, JOEL BYRON OBG 018
P. O. DRAWER 38 A AC
HICKORY 28601 704 322-4140

MILLER, MALCOLM ELMORE OPH /OTO 001
ROUTE #3, BOX 367 A RT
MONETA, VA 24121

MILLER, MARK DANA P 041
606 WALTER REED DR. A AC
GREENSBORO 27403 919 299-0510

MILLER, MILTON LEONARD PYA /P 032
UNC, 239 OLD NURSES DORM. A L
CHAPEL HILL 27514 919 966-3379

MILLER, PAULA FREEMAN IM 041
129 E. MAIN ST. A R
PO BOX 38
SWEPSONVILLE 27359 919 967-1450

MILLER, PHILIP RAIFORD IM /CD 092
3100 BLUE RIDGE RD. A P AC
RALEIGH 27612 919 781-7500

MILLER, ROBERT EVANS ORS 060
1822 BRUNSWICK AVENUE A P * AC
CHARLOTTE 28207 704 373-0544

MILLER, ROBERT MICHAEL FP 023
1198 WYKE ROAD A P AC
SHELBY 28150 704 487-1148

MILLER, STEPHEN MAURICE FP /EM 041
603 DOLLY MADISON AC
GREENSBORO 27410 919 852-7530

MILLER, WALTON H., JR. GS /GYN 096
1008 E. ASH STREET A L
GOLDSBORO 27530 919 734-1141

MILLER, WILLIAM CAREY, JR. R 026
1653 BANBURY DRIVE A AC
FAYETTEVILLE 28304 919 484-6881

MILLER, WILLIAM STACEY D 092
3801 COMPUTER DRIVE A * AC
RALEIGH 27609 919 782-2152

MILLING, JAMES REAVES EM /FP 044
718 BRUNSWICK DRIVE AC
WAYNESVILLE 28786 704 456-5566

MILLNS, DALE THOMAS U 025
800 HOSPITAL DRIVE AC
NEW BERN 28560 919 633-2712

MILLS, JOHN FRANKLIN FP 091
RUIN CREEK ROAD A AC
HENDERSON 27536 919 492-3152

MILLS, JOYCE DUNSTON PTH 090
UNION MEMORIAL HOSPITAL A AC
PATHOLOGY DEPARTMENT
MONROE 28110 704 283-2111

MILLS, MICHAEL KENNETH OBG 034
3402 DONEGAL DR. A R
CLEMMONS 27012 919 722-6891

MILLS, RANDOLPH DENNIS FP 091
406 DABNEY DRIVE A AC
HENDERSON 27536 919 492-3152

MILLS, STEPHEN ALAN CDS /TS 034
3320 PADDINGTON LANE A AC
WINSTON-SALEM 27106 919 748-4488

MILLS, WARDELL HARDEE OPH 041
1202 COUNTRY CLUB DRIVE A L/RT
GREENSBORO 27408 919 274-3391

MILLSAPS, DAVID MCIVER PD 014
226-H MORGANTON BOULEVARD AC
LENOIR 28645 704 758-5111

MILLWARD, DAVID KENT CD /IM 092
1212 CEDARHURST DR. AC
RALEIGH 27609 919 872-4850

MILNER, THOMAS HAMILTON, III DR 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27104 919 773-3877

MILTICH, MICHAEL FIEGEL OTO /HNS 060
1600 E. THIRD STREET A AC
CHARLOTTE 28204 704 372-3300

MILTON, CECIL JEROME ORS 060
225 HAWTHORNE LANE A AC
CHARLOTTE 28204 704 334-0809

MIMS, GROVER RAY, III AN 034
2580 COUNTRY CLUB ROAD A AC
WINSTON-SALEM 27104 919 748-4791

MINARD, RAYMOND BRUCE AN 074
322 DUPONT CIRCLE A P AC
GREENVILLE 27834 919 756-9168

MINCEY, GREGORY JULIAN OPH 063
2170 MIDLAND ROAD A P * AC
SOUTHERN PINES 28387 919 295-2100

MINGES, RAY DONALD GS 074
150 LONGMEADOW ROAD AC
GREENVILLE 27834 919 752-5812

MINICK, JAMES ELDER GP 034
5029 COUNTRY CLUB ROAD AC
WINSTON-SALEM 27104 919 768-9515

MINICK, RUSSELL CLARK FP 034
5029 COUNTRY CLUB ROAD AC
WINSTON-SALEM 27104 919 768-9515

MINOR, STANLEY GILL EM /FP 065
NEW HANOVER MEM. HOSP. AC
WILMINGTON 28401 919 343-2440

MINTEER, WILLIAM JEFFREY CD /IM 074
#8 PALMETTO PLACE A AC
GREENVILLE 27834 919 752-6101

MINTZ, RUDOLPH IVEY, JR. OBG 054
1906 STANTON ROAD A AC
KINSTON 28501 919 522-3373

MINTZER, MELANIE FP 032
210 S. CAMERON ST. AC
HILLSBOROUGH 27278 919 732-9311

MINUS, JOSEPH SHEPPARD PD 023
101 GROVER STREET A AC
SHELBY 28150 704 482-1435

MIRAGLIA, CHARLES CARMEN 034
1057 S. HAWTHORNE RD. A * S
WINSTON-SALEM 27103 919 723-2299

MISHKIND, STEVEN HART 034
2500-C MILLER PARK CIRCLE A S
WINSTON-SALEM 27103 919 722-0477

MISULIA, ANDREW G. FP 043
705 TILGHMAN DR. A P AC
DUNN 28334 919 892-4096

MITCHELL, CALVIN HARRISON OPH 032
BOX 3802, DUKE UNIV. EYE CTR. A AC
DURHAM 27710 919 684-2841

MITCHELL, JOHN SCOTT FP 064
1041 NOELL LANE, STE. 101 P AC
ROCKY MOUNT 27801 919 443-3133

MITCHELL, JOYCE MARIE EM /IM 074
RT. #1, BOX 416E A P AC
BETHEL 27812 919 757-4757

MITCHELL, LANDIS PATTERSON FP 081
200 OHIO STREET A L
SPINDALE 28160 704 286-2391

MITCHELL, STEPHEN A. OTO /HNS 064
P. O. BOX 7099 A P * AC
ROCKY MOUNT 27801 919 937-4100

MITCHELL, WILLIAM E. GS /GP 087
P. O. BOX 760 A P AC
BRYSON CITY 28713 704 488-2283

MITCHENER, CALVIN CHAMBERS D 060
1600 E. FIFTH STREET A P AC
CHARLOTTE 28204 704 376-1523

MITCHENER, JAMES SAMUEL, JR. GS 083
P. O. BOX 1808 A AC
LAURINBURG 28352 919 276-3541

MOBLEY, THOMAS BARNETT, III U 065
1905 GLEN MEADE ROAD A AC
WILMINGTON 28403 919 763-6251

MOCK, CHARLES GLENN PTH 060
BOX 917-0, ROUTE #1 A L/RT
MOREHEAD CITY 28557 919 354-3153

MOCK, DAVID CARLTON GP 029
208-C W. CENTER STREET AC
LEXINGTON 27292 704 246-5826

MODROW, PETER ALBERT AN /P 092
805 FAULKNER PLACE A AC
RALEIGH 27609 919 876-0581

MOELLER, ARLYN MCCLAY FP 026
118 POMPTON DRIVE AC
FAYETTEVILLE 28304 919 424-6104

MOELLER, GARLAND RADFORD RHU /IM 025
P. O. BOX 68 A AC
POLLOCKSVILLE 28573 919 224-4591

MOELLER, MARK BOLTON ID /IM 025
P. O. BOX 68 A AC
POLLOCKSVILLE 28573 919 633-1010

MOELLER, WENDY PAULSON GE /IM 025
P. O. BOX 68 A AC
POLLOCKSVILLE 28573 919 633-1010

MOFFATT, ROBERT CARR ON /GS 011
30 VICTORIA ROAD A * AC
ASHEVILLE 28801 704 258-2464

MOFFETT, ALEXANDER STUART GS 002
70 W. LUCERNE CIR., APT. 409 A L/RT
ORLANDO, FL 32801 305 841-1310

MOFRAD, ALI SABOORTINAT PD /PHO 055
P. O. BOX 1160 AC
LINCOLNTON 28093 704 735-1441

MOHAMED, ADEL WAGDI U 051
415 N. SEVENTH STREET A AC
SMITHFIELD 27577 919 934-5955

MOHR, JACK ELMER OBG 032
706 WELLINGTON DRIVE A P AC
CHAPEL HILL 27514 919 967-1441

MOHR, LINDA CHAPPELL OBG 092
1100 DRESSER COURT AC
RALEIGH 27609 919 876-8225

MOKRIS, JEFFREY GEORGE ORS 060
3235 CHAUCER DR. A P AC
CHARLOTTE 28210 704 373-0544

MOLTER, DAVID W. 032
2974 CAROLYN DRIVE A S
DURHAM 27703 919 596-4936

MONCLA, ALFRED MARIE OBG 070
1134 N. ROAD STREET AC
ELIZABETH CITY 27909 919 338-2151

MONG, JAMES ARTHUR OBG 092
100 S. BOYLAN AVENUE A AC
RALEIGH 27603 919 832-5529

MONROE, CLEMENT ROSENBURG GS 063
P. O. BOX 1000 A L/RT
PINEHURST 28374 919 295-5694

MONROE, EDWIN WALL IM 074
ECU SCHOOL OF MEDICINE A P * AC
GREENVILLE 27834 919 757-4606

MONROE, GEORGE CLARKE, III IM 013
470 LAKE CONCORD RD. A P AC
CONCORD 28025 704 786-7122

MONROE, JOHN HOWARD OBG 034
2909 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 765-2802

MONROE, JOHN LAUCHLIN OTO /HNS 063
PINEHURST SURGICAL CLINIC A P AC
PINEHURST 28374 919 295-2161

MONROE, JOHN THADDEUS, JR. PYA /P 032
1100-A FRANKLIN SQUARE A P AC
CHAPEL HILL 27514 919 967-5289

MONROE, LANCE TRUMAN OBG /OBS 013
476 CAMROSE CIRCLE, NE A L
CONCORD 28025 704 782-3717

MONROE, WILLIAM MURCHISON OPH 074
DR.'S PK,STE.I,
STANTONSBURG RD A AC
GREENVILLE 27834 919 758-4166

MONSON, DONALD MALVIN R 032
3751 BENTLEY DRIVE A P * AC
DURHAM 27707 919 471-8411

MONSON, ROBERT CHARLES, II GS 060
3535 RANDOLPH RD., STE. 201-W A AC
CHARLOTTE 28211 704 364-8100

MONTANA, GUSTAVO SANTOS TR 032
DUMC, DIV. RADIATION ONC. A AC
DURHAM 27710 919 684-6183

MONTGOMERY, EMMETT FULCHER 074
207 HARDEE CIRCLE A S
GREENVILLE 27834 919 752-1490

MONTGOMERY, JAMES HUGH R/IM 011
445 BILTMORE CTR., STE. 301 A AC
ASHEVILLE 28801 704 255-3565

MONTGOMERY, JOHN CHRISTIAN AN 060
2022 NORTON ROAD A L/RT
CHARLOTTE 28207 704 334-4950

MONTGOMERY, STEPHEN PAUL ORS 092
P. O. BOX 10707 A AC
RALEIGH 27605 919 781-5600

MONTGOMERY, WAYNE SWOPE ORS 011
BONE & JOINT CLINIC A AC
DOCTOR'S DRIVE
ASHEVILLE 28801 704 254-9504

MONTGOMERY, WILLIAM GARDNER U 034
2932 LYNDHURST AVE. A AC
WINSTON-SALEM 27103 919 765-4021

MONTY, LOUIS HAROLD P 032
610 DOUGLAS ST., #A-104 A R
DURHAM 27705 919 286-2188

MOODY, DIXON MCGUIRE DR 034
BOWMAN GRAY, DIV. OF RAD. A P AC
WINSTON-SALEM 27103 919 748-4435

MOORE, ARL VAN, JR. DR 060
5201 MORROWICK RD. A AC
CHARLOTTE 28226 704 365-0343

MOORE, BARRY ALLEN P 074
1705 W. SIXTH ST., BLDG. H A AC
GREENVILLE 27834 919 758-6080

MOORE, CAROL ANN 074
110 S. CONTENTNEA ST., APT. C A S
FARMVILLE 27828 919 753-2015

MOORE, DAVID HUDDLER PD /ID 060
7110 LAWYERS ROAD AC
CHARLOTTE 28212 704 568-6500

MOORE, DONALD TORIAN OBG 032
601 FAYETTEVILLE STREET AC
DURHAM 27701 919 682-9241

MOORE, DONALD WILSON FP 079
401 W. DECATUR ST. A AC
MADISON 27025 919 548-9618

MOORE, EDWARD EUGENE OPH 011
3 DOCTOR'S PARK A * AC
ASHEVILLE 28801 704 252-6741

MOORE, GEORGE HORACE FP 092
833 DURHAM RD., STE. C A AC
WAKE FOREST 27581 919 556-6762

MOORE, HORACE GREELEY, JR. GS /TS 065
1414 MEDICAL CENTER DRIVE A AC
WILMINGTON 28401 919 763-7363

MOORE, JOHN ANDREW IM /RHU 041
1511 WESTOVER TERRACE A AC
GREENSBORO 27408 919 373-0951

MOORE, JOHN HERBERT, III GE /IM 060
2115 EAST 7TH ST.,STE. 104 A AC
CHARLOTTE 28204 704 377-4009

MOORE, LAWRENCE WHITE, JR. OPH 032
1110 W. MAIN STREET A AC
DURHAM 27701 919 682-9341

MOORE, MELISA DARA 032
102-B ISLEY STREET A * S
CHAPEL HILL 27514 919 929-7263

MOORE, PAUL MILTON, JR. FP 007
619 E. 12TH STREET A AC
WASHINGTON 27889 919 946-1146

MOORE, RALPH BRYAN, JR. PD 065
CHILDREN'S CLINIC AC
1920 16TH STREET
WILMINGTON 28403 919 763-2072

MOORE, ROBERT ALEX, JR. NS 065
1404 MEDICAL CENTER DRIVE A AC
WILMINGTON 28401 919 763-6578

MOORE, ROBERT MORGAN ORS 065
2001 S. 17TH STREET A AC
WILMINGTON 28401 919 763-7344

MOORE, RONALD ALVIN IM /ON 025
709 PROFESSIONAL DRIVE A * AC
NEW BERN 28560 919 633-5333

MOORE, SUSAN ELIZABETH 074
2521 MEMORIAL DR. A S
GREENVILLE 27834 919 756-3397

MOORE, THOMAS PHILLIP R 067
ONSLOW MEMORIAL HOSPITAL A AC
JACKSONVILLE 28540 919 577-2274

MOORE, WARREN HAMILTON NM /IM 032
6720 BERTNER AVE., BOX 3-261 A AC
HOUSTON, TX 77030 713 791-3126

MOORE, WILLIAM DONALD FP 043
P. O. BOX 280 A * AC
COATS 27521 919 897-5370

MOORE, WILLIAM LOCKE PD 041
616 PASTEUR DRIVE A AC
GREENSBORO 27403 919 292-1353

MOORE, WILLIAM MORGAN, III OBG 012
403 S. KING STREET A AC
MORGANTON 28655 704 433-4661

MOOREFIELD, WM. GUERRANT, JR. ORS 060
120 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0351

MOORING, STEWART LEE R/NM 081
RUTHERFORD HOSPITAL A AC
RUTHERFORDTON 28139 704 287-7371

MORCOS, VICTOR HANNA P 041
522 N. ELAM AVE., STE. 203 AC
GREENSBORO 27403 919 854-2391

MOREHEAD, ROBERT PAGE PTH 034
1051 ARBOR ROAD A L
WINSTON-SALEM 27104 919 722-2879

MORESCHI, RAFAEL MARIANO IM /CD 092
105-A KILMAYNE DR. A P AC
CARY 27511 919 467-2253

MORESS, RALPH LOUIS P 026
P. O. BOX 2068 A P AC
FAYETTEVILLE 28302 919 323-0601

MORETZ, FRANK HANNON AN 011
202 DOCTOR'S BUILDING A P * AC
ASHEVILLE 28801 704 254-1969

MORETZ, JOSEPH ALFRED,III ORS 018
600 FIRST PLAZA A AC
HICKORY 28601 704 322-5172

MORGAN, BENJAMIN EDWARD OBG 064
200 NASH MEDICAL ARTS MALL A AC
ROCKY MOUNT 27801 919 443-5941

MORGAN, HERMAN GRADY, JR. PD 065
1807 S. CHURCHILL DRIVE AC
WILMINGTON 28403 919 762-3942

MORGAN, JOHN GARLAND GS /CDS 033
101 CLINIC DR. A AC
TARBORO 27886 919 823-2105

MORGAN, NANCY ELAINE FP 014
401 MULBERRY ST., SW, STE. 200 AC
LENOIR 28645 704 754-0707

MORGAN, RALPH SILER CD /IM 050
P. O. BOX 668 A L/RT
SYLVA 28779 704 586-2134

MORGAN, RICHARD EARL GS 025
5211 TRENTWOODS DR. AC
NEW BERN 28560 919 633-2081

MORGAN, RICHARD YOUNG IM /GP 029
100 CAROLINA AVE. A AC
LEXINGTON 27292 704 246-5836

MORGAN, ROY LOCKWOOD FP 075
P. O. BOX 677 A AC
COLUMBUS 28722 704 894-8213

MORGAN, WILLIAM WATSON, JR. PDS /GS 011
P. O. BOX 15083 A P AC
ASHEVILLE N C 28813 704 274-4105

MORICLE, CHARLES HUNTER GS /ABS 079
1223 CRESCENT DR. A * L/RT
REIDSVILLE 27320 919 349-8590

MORRIS, ARTHUR SHERMAN, JR. OBG 011
80 VICTORIA ROAD A P AC
ASHEVILLE 28801 704 255-8900

MORRIS, DAVID PERRY AM 060
6958 FOLGER DR. A AC
CHARLOTTE 28226 704 554-8373

MORRIS, EDWIN LEE FP 056
8 RIVERVIEW ST., STE. 201 AC
FRANKLIN 28734 704 369-9531

MORRIS, GEORGE THOMAS ARNOLD IM 001
711 HERMITAGE ROAD A AC
BURLINGTON 27215 919 226-9317

MORRIS, JAMES FRANCIS PD 096
P. O. BOX 1153 A AC
GOLDSBORO 27530 919 734-4014

MORRIS, JAMES JOSEPH, JR. CD /IM 032
BOX 2993, DUMC AC
DURHAM 27710 919 684-4329

MORRIS, JONATHAN EDWARD P 032
103 ROCK SPRING COURT A R
CARRBORO 27510 919 967-6779

MORRIS, KENNY JORDAN R 065
301 HONEYCUTT DRIVE A P AC
WILMINGTON 28403 919 343-7069

MORRIS, LESLIE MORGAN R 036
3636 BRENTWOOD DR. A AC
GASTONIA 28054 704 864-4378

MORRIS, MARSHALL G., JR. GS /TS 041
1317 N. ELM ST., STE. 5 A AC
PO BOX 10037
GREENSBORO 27404 919 274-8444

MORRIS, MARY LIDE R/NM 001
440 CEDARWOOD DRIVE A AC
BURLINGTON 27215 919 584-9872

MORRIS, PETER JOSEPH PD /PH 032
103 BENWALL CT. R
CHAPEL HILL 27514 919 962-1136

MORRIS, RAE HENDERSON GP 013
111 LOUISE DRIVE, S.E. A L/RT
CONCORD 28025 704 782-4918

MORRISEY, LEMONT FP 001
723 EDITH STREET AC
BURLINGTON 27215 919 229-4791

MORRISON, FRANK CRAWFORD GP 044
P. O. BOX 1549, MEDICAL BLDG. A AC
CANTON 28716 704 648-5215

MORRISON, HUGH MAXWELL, JR. OPH 063
P. O. BOX 460 A P AC
PINEHURST 28374 919 295-6809

MORRISON, LEON MACMILLAN OBG 016
9 MEDICAL PARK AC
MOREHEAD CITY 28557 919 247-4297

MORRISON, ROBERT HOLCOMBE OBG 026
1641 OWEN DRIVE A AC
FAYETTEVILLE 28304 919 484-0977

MORRISON, ROGER WILLIAM PTH /CLP 011
4 LUCKY LANE A AC
ASHEVILLE 28804 704 255-3943

MORROW, DOROTHY JACKSON PD /A 006
P. O. BOX 95 AC
BANNER ELK 28604 704 898-9440

MORROW, RUFUS CLEGG OTO /A 006
P. O. BOX 95 AC
BANNER ELK 28604 704 898-9440

MORROW, SARAH TAYLOR PH /PD 092
3304 WADE AVE. A AC
RALEIGH 27607 919 851-9305

MORTENSON, RODNEY ALLEN ORS /HS 041
2017 ST. ANDREWS ROAD A AC
GREENSBORO 27408 919 275-6318

MORTON, DUNCAN, JR. PDS /GS 060
2104 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 377-3900

MOSELEY, JAMES RENNIE FP 092
340 N. MAIN STREET AC
WAKE FOREST 27587 919 556-4826

MOSELEY, ROBERT GALLOWAY PD 092
RT. #7, BOX 210-G A AC
RALEIGH 27614 919 782-0194

MOSER, ARTUS MONROE, JR. NEP /IM 011
10 MCDOWELL STREET A AC
ASHEVILLE 28801 704 258-8545

MOSER, WADE HAUSER, JR. DR 092
CAPITAL RADIOLOGY ASSOC. A AC
P. O. BOX 17947
RALEIGH 27619 919 847-8564

MOSKOWITZ, MARK SANDERS GS /VS 036
2555 PEMBROKE ROAD A AC
GASTONIA 28054 704 864-8377

MOSS, GEORGE OREN GP /PH 081
ROUTE #1, BOX 397JJ A L/RT
BOSTIC 28018 704 245-2853

MOSS, PAUL N. GP 014
541 MAIN ST. A AC
HUDSON 28638 704 728-3551

MOTAPARTHY, VENKATASOMAIAH C. GE 096
2419-C E. ASH ST. AC
GOLDSBORO 27530 919 731-2526

MOUNTJOY, JOHN ROBERT OTO 034
1420 PLAZA DRIVE A AC
WINSTON-SALEM 27103 919 765-4922

MOYLAN, JOSEPH ANTHONY GS /TRS 032
BOX 3947, DUMC A AC
DURHAM 27710 919 684-2237

MUENCH, LAURENCE WALTER AN 023
310 DOWNING DR. A AC
KINGS MOUNTAIN 28086 704 739-3601

MUKAMAL, RONALD SASSON GS /ORS 024
333 JEFFERSON STREET A AC
WHITEVILLE 28472 919 642-2336

MULLEN, DONALD COLLINS CDS /TS 000
ST.LUKES HEALTH SCI.OFF.#310 A AC
2901 W. KINNICKINNIC RIVER PKY
MILWAUKEE, WI 53215 414 649-3990

MULLIS, DONALD LEE ORS 011
111 VICTORIA ROAD A AC
ASHEVILLE 28801 704 252-7331

MULLIS, WILLIAM FRANK PS /GS 060
2215 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 372-6846

MULVANEY, GERALD GARFIELD OBG 092
11613 APPALOOSA RD., WEST A AC
RALEIGH 27612

MUMFORD, LARRY NPM /PD 032
3115 ACADEMY ROAD A AC
DURHAM 27707 919 489-1976

MUNDAY, TONA LEIGH 032
D-6 GRAHAM CONDOS. A S
MC CAULEY ST.
CHAPEL HILL 27514 919 929-0577

MUNDORF, GEORGE P 060
6001 HEMBY ROAD AC
MATTHEWS 28105 704 846-1276

MUNDY, DONALD ASHFORD AN 001
212 MEADOWOOD DRIVE A AC
BURLINGTON 27215 919 584-5352

MUNROE, JOHN FRANCIS IM /END 024
BALDWIN WOODS, S.W. A AC
P. O. BOX 1249
WHITEVILLE 28472 919 642-2230

MUNSEY, FRANKLIN ALBERT PD 063
424 LOVE 15 DRIVE AS
PINEHURST 28374 919 295-5659

MUNT, ROBERT LAWRENCE, JR. PD 092
4505 FAIR MEADOWS LN. #101 AC
RALEIGH 27607 919 787-5495

MURAD, JOSEPH LOUIS OBG 074
1730 W. FIFTH STREET, EXT. AC
GREENVILLE 27834 919 758-4855

MURPHY, BARBARA ANN 034
1759 HAWTHORNE ROAD A * S
WINSTON-SALEM 27103 919 765-5938

MURPHY, ROBERT JENNINGS, JR. FP /PD 032
210 S. CAMERON ST. A L
HILLSBOROUGH 27278 919 732-9311

MURPHY, THOMAS LYNCH GE /GE 080
116 RUTHERFORD STREET A AC
SALISBURY 28144 704 633-2732

MURPHY, THOMAS LYNCH, JR. IM /PUD 036
1021 X-RAY DR. A P AC
GASTONIA 28054 704 867-2341

MURPHY, WENDY ELAINE 034
2419 CHEROKEE LANE A S
WINSTON-SALEM 27103 919 922-3042

MURRAY, JOHN CARROLL DMP 032
BOX 2907, DUMC AC
DURHAM 27710 919 684-3432

MURRAY, NIAL PATRICK AN 034
780 YORKSHIRE ROAD A AC
WINSTON-SALEM 27106 919 773-3259

MURRAY, WILLIAM GRAY IM 041
1808 CARLISLE ROAD A L/RT
GREENSBORO 27408 919 274-5155

MURRAY, WILLIAM JAMES AN 032
BOX 3061, DUMC A P AC
DURHAM 27710 919 684-2569

MUSS, HYMAN BERNARD ON /HEM 034
BOWMAN GRAY, DEPT. OF MED. A AC
WINSTON-SALEM 27103 919 748-4397

MUSSELWHITE, NEILL HECTOR,III FP 065
1602 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 763-1896

MUTHER, ELLIS FRANK N/P 067
721 PROFESSIONAL DR. A AC
NEW BERN 28560 919 633-3744

MYERS, ALEXANDER GORDON 034
BOWMAN GRAY, BOX 440 A S
WINSTON-SALEM 27104 919 722-4609

MYERS, DAN ALLEN U 054
KINSTON CLI., NORTH
DOCTORS DR. A AC
KINSTON 28501 919 527-3043

MYERS, RICHARD STANTON GS /TS 092
2800 BLUE RIDGE BOULEVARD A P AC
RALEIGH 27607 919 781-7414

MYERS, RICHARD THOMAS GS /TS 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-4541

MYRACLE, JOHN HOBART PD /PDC 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

MYRICK, WILLIAM GLENN IM 034
FORSYTH MEDICAL PK, STE. 714 AC
WINSTON-SALEM 27103 919 765-3088

NADEL, SCOTT MARTIN IM /PUD 041
1409 PEMBROKE ROAD, STE. 200 P AC
GREENSBORO 27408 919 378-0774

NADERI, MOHAMAD SIRUS AN 060
801 S. EDGEHILL ROAD A AC
CHARLOTTE 28207 704 375-4001

NAGA, AHMED HADY DR 031
P. O. BOX 708 A P AC
KENANSVILLE 28349 919 296-0701

NAGEL, DONALD CHARLES PYM /FP 011
29 RAVENSCROFT DR. STE. 1 A AC
ASHEVILLE 28801 704 253-6364

NAHSER, PHILIP JOSEPH, JR. 032
215 VANCE ST. A S
CHAPEL HILL 27514 919 929-1190

NAIK, SOMNATH IM /PUD 078
4209 ALDWYCH ST. A AC
LUMBERTON 28358 919 738-1141

NAILLING, RICHARD CABOT GS /GYN 011
5 DOCTOR'S PARK A P L
ASHEVILLE 28801 704 254-6381

NAMAN, CARL HAWKINS GS /CDS 023
1200 HARDIN DRIVE A P AC
SHELBY 28150 704 482-6359

NANCE, CHARLES LEE, JR. ORS 065
2001 S. 17TH STREET A * AC
WILMINGTON 28401 919 763-7344

NANCE, FREDERICK LEE, JR. GP 013
314 PROFESSIONAL BUILDING A AC
KANNAPOLIS 28081 704 932-0211

NANCE, JOHN WESLEY FP 082
403 FAIRVIEW STREET A AC
CLINTON 28328 919 592-6011

NANDA, SUMIT 032
BOX 2872, DUMC A S
DURHAM 27710 919 684-5142

NANZETTA, LEONARD AN 034
2756 WINDSOR ROAD A L/RT
WINSTON-SALEM 27104 919 768-7572

NAPPER, CLAY HUGHES IM 034
301 MILLER ST., STE. 209 AC
WINSTON-SALEM 27103 919 723-0789

NARRON, GREGORY 074
WESTHILLS TOWNHOUSE #5 A S
GREENVILLE 27834 919 758-3672

NASH, CARL WILLIAM R 079
608 LINDEN DRIVE A AC
EDEN 27288 919 623-9711

NASH, HOKE SMITH, JR. OTO 060
1600 E. THIRD STREET A AC
CHARLOTTE 28204 704 372-3300

NASH, WILL LIGHT FP 050
34 FISHER CREEK ROAD A AC
SYLVA 28779 704 586-4012

NASHICK, GEORGE HENRY GP 025
PO BOX 729 A AC
BAYBORO 28515 919 633-1616

NASHOLD,JAMES REUBEN BLACKBURN 074
210 N. EASTERN ST. A S
GREENVILLE 27834 919 758-1793

NASO, STEPHEN J., JR. HS /GS 060
2039 RANDOLPH ROAD AC
CHARLOTTE 28207 704 375-3397

NASTALA, CHET LAWRENCE 032
BOX 2779, DUMC A S
DURHAM 27710

NATHAN, HENRY PAUL IG /IM 044
102 HOSPITAL DRIVE AC
CLYDE 28721 704 452-0331

NATION, ROY GLEN GP /IM 096
407 N. HERMAN STREET P AC
GOLDSBORO 27530 919 735-6261

NAUMOFF, PHILIP FP 060
1012 KINGS DRIVE A * L
CHARLOTTE 28283 704 334-4665

NAVE, LESTER DAVID, JR. FP 033
111 FAIRVIEW ROAD A AC
ROCKY MOUNT 27801 919 446-3333

NAYLOR, LEE ANN ALLEN DR 034
4900 LEINBACH DR. A R
WINSTON-SALEM 27106 919 922-3244

NEAL, CHARLES BODINE, III PD 032
2919 COLONY ROAD A AC
DURHAM 27705 919 489-9158

NEAL, DEMAR AUSTIN, III GS /CDS 049
708 HARTNESS ROAD A P AC
STATESVILLE 28677 704 873-1024

NEAL, RUTHERFORD DOUGLAS GS /GYN 060
2214 THETFORD CT. A L/RT
CHARLOTTE 28211 704 332-7701

NEAL, WILLIAM RONALD OBG 041
1507 WESTOVER TERR. AC
GREENSBORO 27408 919 273-0936

NEALE, RICHARD CARROLL, JR. PTH /CLP 012
P. O. BOX 249 A AC
RUTHERFORD COLLEGE 28671 704 879-8767

NEALE, WIRT THOMAS PD 060
149 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-5571

NEBEL, WILLIAM ARTHUR OBG 032
CONNER DRIVE PROF. BLDG AC
CHAPEL HILL 27514 919 942-8571

NEBLETT, DONALD THOMAS P/PD 011
16 ALL SOULS CRESCENT A AC
ASHEVILLE 28803 704 274-1415

NEEL, JAMES WYMAN CD 098
1704 S. TARBORO ST. A AC
WILSON 27893 919 291-7001

NEELAND, EUGENE CRAWFORD FP 098
606 FAIRVIEW AVENUE A P L
WILSON 27893 919 243-5530

NEELEY, BRUCE CARLTON P/PYM 032
1911 HILLANDALE RD. STE. 1040 A AC
DURHAM 27705 919 383-1516

NEELON, FRANCIS ALBERT IM /END 032
BOX 3021, DUMC A * AC
DURHAM 27710 919 684-4307

NEIJSTROM, ERIC SHERWOOD ON /IM 041
1007 PROFESSIONAL VILLAGE A P AC
GREENSBORO 27401 919 272-2141

NEISH, DONALD DEWITT IM 032
2609 N. DUKE STREET AC
DURHAM 27704 919 471-8446

NELIUS, SIGRID J. VONRENNER IM /GPM 032
BOX 2899, W. DURHAM STATION A AC
DURHAM 27705 919 684-6331

NELSON, DAVID STEPHEN EM /GS 034
248 FLINTSHIRE ROAD A AC
WINSTON-SALEM 27104 919 765-3950

NELSON, LEWIS HENRY, III OBG /GYN 034
BOWMAN GRAY, DEPT. OF OBG A AC
WINSTON-SALEM 27103 919 748-4291

NELSON, PHILIP GROESBECK P 074
MEDICAL PAVILION, SUITE #9 A L
GREENVILLE 27834 919 758-3145

NELSON, ROBERT BARRY ORS 092
P. O. BOX 10707 A AC
RALEIGH 27605 919 781-5600

NEMEROFF, CHARLES BARNET P 032
BOX 3859, DUMC A AC
DURHAM 27710 919 684-6562

NERNESS, JOHN LAVON OBG 045
513 N. JUSTICE ST. AC
HENDERSONVILLE 28739 704 692-0736

NERNEY, JOHN JOSEPH OPH 044
116 HOSPITAL DRIVE AC
CLYDE 28721 704 452-5816

NESBIT, FREDERICK P 060
1900 RANDOLPH ROAD, STE. 900 AC
CHARLOTTE 28207 704 333-7722

NESBIT, WILLIAM MICHAEL N 060
DOCTORS BLDG. SUITE 223 A AC
1012 S. KINGS DR.
CHARLOTTE 28283 704 333-2853

NESI, MARC HENRY U 041
1100 OLIVE ST. AC
GREENSBORO 27401 919 373-0871

NETTLES, GEORGE STUEARD IM 078
2505 N. ELM STREET AC
LUMBERTON 28358 919 739-2854

NEVILLE, CECIL HOWELL, JR. ORS 063
PINEHURST ORTHOPAEDIC CLI. A AC
P. O. BOX 1650
PINEHURST 28374 919 295-1392

NEWBORG, BARBARA IM 032
BOX 3385, DUMC A AC
DURHAM 27710 919 684-3418

NEWELL, ERNEST T. OM /FP 060
DUKE POWER CO.,MCGUIRE STA. A AC
CORNELIUS 28031 704 588-1265

NEWELL, JOSEPHINE E. FP 098
RALEIGH TOWNE, APT. #47 A * AC
525 WADE AVENUE
RALEIGH 27605 919 733-7613

NEWELL, LANNING RICHARD GE /IM 092
3320 EXECUTIVE DR. STE. 119 A AC
RALEIGH 27609 919 878-9465

NEWELL, MCARTHUR OBG 041
1710 E. BESSEMER AVE. A AC
PO BOX 21503
GREENSBORO 27420 919 274-1558

NEWELL, ROBERT BARTHOLOMEW GS /EM 040
EMERALD ISLE, RT. 1, BOX 949-E A L/RT
MOREHEAD CITY 28557 919 354-3152

NEWLAND, CHARLES LOGAN FP 088
104 WOODSIDE DR. A L/RT
BREVARD 28712 704 883-2156

NEWMAN, DAVID HAROLD GS 041
200 E. NORTHWOOD ST., STE.304 A AC
GREENSBORO 27401 919 378-9811

NEWMAN, EDWIN R 060
3734 COLUMBINE CIRCLE A P AC
CHARLOTTE 28211 704 364-0568

NEWMAN, HAROLD HASTINGS, JR. GP /OM 080
516 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 633-7070

NEWMAN, ROBERT HENRY DR 014
PO BOX 659 A P AC
LENOIR 28645 704 754-2283

NEWMAN, WALTER JOSEPH NEP 074
6 DOCTOR'S PARK A P AC
GREENVILLE 27834 919 752-8880

NEWMAN, WILLIAM HAROLD GS /TS 026
3427 MELROSE ROAD A AC
FAYETTEVILLE 28304 919 484-4106

NEWMAN, WILLIAM NEAL CD /IM 092
WAKE HEART ASSOCIATES AC
PO BOX 14427
RALEIGH 27620 919 832-9253

NEWSOME, ALBERT RAY CD 034
1405 PLAZA DRIVE A AC
WINSTON-SALEM 27103 919 765-4131

NEWSOME, JAMES FREDERICK GS /ON 032
UNC, BURNETT-WOMACK, 229-H A AC
CHAPEL HILL 27514 919 966-5221

NEWSOME, SAMUEL CARL FP 034
P. O. BOX 1129 A AC
KING 27021 919 983-4346

NEWTON, DALE ALAN IM /PD 033
101 CLINIC DRIVE A P AC
TARBORO 27886 919 823-2105

NEWTON, DOUGLAS FRISBIE GE /IM 074
1705 W. SIXTH STREET P AC
GREENVILLE 27834 919 752-6101

NEWTON, GRAHAM DOUGALD D 060
1600 E FIFTH STREET A AC
CHARLOTTE 28204 704 376-1523

NEWTON, JOHN THOMAS FP 082
403 FAIRVIEW ST. AC
CLINTON 28328 919 592-6011

NG, GODOFREDO TAN GS /TS 092
1101 DRESSER COURT AC
RALEIGH 27609 919 876-2010

NG, KHYE WENG N/IM 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

NG, VICTOR WANG TA FP 007
PO BOX 999 AC
ROBERSONVILLE 27871 919 795-3018

NIAZI-SAI, ABDOLHAKIM IM /HEM 004
208 HALL STREET A AC
WADESBORO 28170 704 694-5159

NICASTRO, JOSEPH FRANCIS ORS 034
4159 GREENMEAD ROAD A AC
WINSTON-SALEM 27106 919 748-3947

NICHOLS, HAROLD ALFONZO CDS 041
1311 N. ELM ST. STE. #3 A AC
GREENSBORO 27401 919 272-3955

NICHOLS, HILLARY ANNE 034
1900 QUEEN ST., APT. C-8 A S
WINSTON-SALEM 27103 919 723-5040

NICHOLS, KIM ERIKA 032
1315 MORREENE RD. APT. 27-I A S
DURHAM 27705 919 383-5160

NICHOLS, MARK LOVEL IM /EM 092
2425 COLEY FOREST PLACE AC
RALEIGH 27612 919 755-8589

NICHOLS, SUSAN BETH OBG 013
1054 BURRAGE ROAD, NE A AC
CONCORD 28025 704 788-4151

NICHOLSON, HENRY HALE, JR. GS /CRS 060
1012 KINGS DRIVE, SUITE 708 A P AC
CHARLOTTE 28283 704 375-8956

NICHOLSON, JAMES EVANS, III FP 007
304 MCCASKEY ROAD A AC
WILLIAMSTON 27892 919 792-8193

NICHOLSON, JOHN CHRISTIE 032
803 GREEN ST. A S
DURHAM 27701 919 688-6350

NICHOLSON, JOHN HARVEY, II IM 049
760-G HARTNESS ROAD A AC
STATESVILLE 28677 704 873-8368

NICHOLSON, THOMAS WESTRAY CD /IM 007
615 E. 12TH STREET P AC
WASHINGTON 27889 919 946-2101

NICKENS, LARRY COBB PD 096
2706 MEDICAL OFFICE PLACE AC
GOLDSBORO 27530 919 734-4736

NICKS, DENNIS BART PS /HS 065
2305 CANTERWOOD AC
WILMINGTON 28401 919 343-0119

NICOLA, ANDRAOS NICOLA P 001
1946 MARTIN ST. A AC
BURLINGTON 27215 919 228-0581

NIELAND, ROBERT BRUCE FP 018
24 SECOND AVENUE, N. E. A * AC
HICKORY 28601 704 328-2231

NIEMEYER, CHARLES JOHN ORS 036
902 COX ROAD, SUITE A A P AC
GASTONIA 28054 704 865-6487

NIESS, GARY STEWART CD 060
1350 S. KINGS DR. AC
CHARLOTTE 28207 704 372-8750

NIETERS, GERALD FRANCIS DR 049
P. O. BOX 688 AC
MOORESVILLE 28115 704 663-3479

NIFONG, FRANK MILLER FP 034
P. O. BOX 988 L
CLEMMONS 27012 919 766-6811

NISBETT, DONALD ALWIN FP 083
616 ATKINSON ST. AC
LAURINBURG 28352 919 277-0971

NIXON, WILLIAM PRESTON, JR. NEP /IM 065
1302 MEDICAL CENTER DRIVE A P AC
WILMINGTON 28401 919 763-3651

NOAH, HUGH BRYAN ORS /HS 040
624 QUAKER LANE, SUITE D-200 P AC
HIGH POINT 27262 919 841-6262

NOAH, VAN BATCHELOR OPH 092
3900 OLD WAKE FOREST RD.
STE. #104 A P AC
RALEIGH 27609 919 872-3242

NOEL, RICHARD DAVID GS 039
1026 COLLEGE STREET A AC
OXFORD 27565 919 693-7066

NOELL, JOHN STANFORD FP 011
OLD HIGHWAY 70 AC
P. O. BOX 1441
BLACK MOUNTAIN 28711 704 669-3425

NOLAN, CLYDE, JR. D 041
1100 OLIVE STREET A * AC
GREENSBORO 27401 919 379-1193

NOLAN, ROBERT EARL GS /VS 034
1901 S. HAWTHORNE, STE. 210 A AC
WINSTON-SALEM 27103 919 765-5101

NOMEIR, ABDEL-MOHSEN CD /IM 034
3219 PENSBY ROAD A AC
WINSTON-SALEM 27106 919 748-4581

NORBURN, CHARLES S. GS 011
P. O. BOX 5216 A L
BILTMORE 28803 704 272-6204

NORBURN, RUSSELL LEE EM 011
1617 HENDERSONVILLE RD. A L
ASHEVILLE 28803 704 274-3557

NORCROSS, FREDERICK CLEVELAND PD 036
1839 E. GARRISON BOULEVARD AC
GASTONIA 28052 704 864-2685

NORFLEET, CHARLES MILLNER, JR. U 034
1244 ARBOR ROAD, #199 A L/RT
WINSTON-SALEM 27104 919 722-1464

NORINS, MICHAEL ELLIOTT 032
122 WINDSOR PLACE A S
CHAPEL HILL 27514 919 933-0367

NORMAN, ANDY MURRAY OBG 095
20 DOCTOR'S PARK AC
BOONE 28607 704 264-1232

NORRIS, CHARLES BRADLEY IM 060
1310 SCOTT AVENUE A AC
CHARLOTTE 28204 704 334-0450

NORRIS, FRANCES SOCHOR NM 026
5414 MALLARD CT. AC
FAYETTEVILLE 28301 919 396-9887

NORRIS, H. THOMAS PTH 074
PITT COUNTY MEM. HOSPITAL A AC
GREENVILLE 27834 919 757-4951

NORTON, EVE GWENDOLYN EM 004
1152 SHANNON DR. * AC
WADESBORO 28170 704 694-5131

NOTO, JOSEPH ANTHONY TS /GS 011
520 BILTMORE AVENUE A AC
ASHEVILLE 28801 704 252-7357

NOVEK, STEVEN JAI 032
B-10 ESTES PARK APTS. A S
CARRBORO 27510 919 929-8823

NOWLAN, FAGG BERNARD FP 041
4308 KIMMRIDGE ROAD A RT
GREENSBORO 27406 919 674-5100

NOWLIN, GEORGE PRESTON U 060
1868 MARYLAND AVENUE A L/RT
CHARLOTTE 28209 704 334-0302

NUGENT, RICHARD RECHER GPM /OBG 032
DIV. OF HEALTH SERVICES AC
P. O. BOX 2091
RALEIGH 27602 919 733-7791

NUNLEY, JAMES ALBERT, II ORS /HS 032
BOX 2919, DUMC A * AC
DURHAM 27710 919 684-4033

NUNNALLY, JAMES THOMAS, III CHP /P 092
2000 YORKGATE DRIVE A AC
RALEIGH 27612 919 781-1160

NUTT, JAMES EDWARD CD /IM 092
3400 EXECUTIVE DR., STE. 201 A P AC
RALEIGH 27609 919 872-8920

NUTT, SUZANNE HAMILTON 074
717 SNOW HILL ST. A S
AYDEN 28513 919 746-4695

NYE, MARY JANE LOVE PD /ADL 032
1919 WILSHIRE DRIVE AC
DURHAM 27707 919 489-9534

NYE, SYLVANUS WILLIAM PTH /CLP 054
700 ROUNDTREE STREET A AC
KINSTON 28501 919 522-7141

O'BAR, PAUL RUPERT IM /ID 060
1350 S. KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

O'BRIEN, PAUL STEVENS R 060
2622 BUCKNELL AVE. AC
CHARLOTTE 28207 704 333-0224

O'BRIEN, THOMAS FRANCIS, JR. GE /IM 074
ECU SCHOOL OF MEDICINE A P * AC
GREENVILLE 27834 919 757-4652

O'CAIN, CHARLES FRANK PUD /IM 011
30 CHOCTAW STREET A AC
ASHEVILLE 28801 704 255-7733

O'CONNOR, MICHAEL LEE PTH 034
BOWMAN GRAY, DEPT. OF PATH. AC
WINSTON-SALEM 27103 919 748-4311

O'CONNOR, ROBERT DARRELL OTO 018
FAIRGROVE CHURCH ROAD A P AC
P. O. DRAWER 2484
HICKORY 28601 704 322-3725

O'DONNELL, HELEN MARY FP 032
715 ARNETTE AVE. AC
DURHAM 27701 919 575-4541

O'HALE, JOHN AUGUSTINE IM /PUD 026
2717 HUNTINGTON ROAD A AC
FAYETTEVILLE 28303 919 485-8671

O'NEAL, RUTH PD 034
BOWMAN GRAY, DEPT. OF PED. A * L
WINSTON-SALEM 27103 919 727-8105

O'NEIL, H. WILLIAM OBG 067
200 MEMORIAL DR. A AC
JACKSONVILLE 28540 919 353-2115

O'NEILL, MICHAEL RAYMOND U 060
1900 RANDOLPH RD., STE. 816 A P AC
CHARLOTTE 28207 704 334-3033

O'NEILL, WILLIAM WADE PUD /IM 034
2825 LYNDHURST AVE., STE. 101 A AC
WINSTON-SALEM 27103 919 765-0383

O'QUINN, EDWARD NELSON OBG 065
1612 DOCTOR'S CIRCLE DRIVE A AC
WILMINGTON 28401 919 763-9015

O'ROARK, HENRY CLYDE OBG 060
2711 RANDOLPH RD. STE. 309 AC
CHARLOTTE 28207 704 377-3396

OAK, CHANG YOON IM 007
804 WASHINGTON ST. A P AC
PO BOX 987
PLYMOUTH 27962 919 793-9051

OAKES, WALTER JERRY NS 032
BOX 3272, DUMC A AC
DURHAM 27710 919 684-5013

OAKLEY, STANLEY PRESTON, JR. P 074
3025 VENTOSA DR. A R
CHARLOTTE 28205 704 537-3643

OAKLEY, WARD SAYRE, JR. ORS 063
P. O. BOX 1650 A P AC
PINEHURST 28374 919 295-4200

OATES, LARRY ALLEN IM 032
2900 HIGHWOODS BLVD. A AC
RALEIGH 27625 919 878-9870

OBER, KARL PATRICK END /IM 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-2076

OBERLIN, DELOY CHARLES AN /EM 018
ROUTE #3, BOX 690 A AC
NEWTON 28658 704 322-6070

OBREMSKEY, WILLIAM TODD 032
10 DURBIN PLACE A S
DURHAM 27705 919 383-2435

ODERE, FRED GORDON PTH 032
DURHAM CO.GEN HOSP.
DEPT. OF PATHOLOGY P AC
DURHAM 27704 919 471-3411

ODOM, GUY LEARY NS 032
2812 CHELSEA CIRCLE A L/RT
DURHAM 27707 919 489-2206

OELRICH, AUGUST M. GS 053
P. O. BOX 1169 A AC
SANFORD 27330 919 775-7146

OGBURN, LUNDIE CALVIN GYN 034
312 FORSYTH MEDICAL PARK A P L
WINSTON-SALEM 27103 919 765-9150

OGBURN, PAUL LANIER GS /TRS 049
STATESVILLE MEDICAL GROUP AC
PO BOX 1460
STATESVILLE 28677 704 878-2011

OGDEN, ROBERT HARVEY OBG 036
902 COX RD., STE. F A AC
GASTONIA 28054 704 867-6386

OLDER, ROBERT ALAN DR 032
3104 DEVON RD. A P AC
DURHAM 27707 919 383-6984

OLDHAM, H. NEWLAND, JR. CDS /GS 032
DUKE UNIV. MED. CTR. A AC
DURHAM 27710 919 684-3243

OLEEN, GEORGE GERHARD FP /IM 090
103 S. HAYNE STREET A L
MONROE 28110 704 283-6622

OLESON, JAMES ROBERT R/ON 032
BOX 3085, DUMC A AC
DURHAM 27710 919 684-3742

OLIN, DAVID BAKER NEP /IM 041
208 W. WENDOVER AVENUE AC
GREENSBORO 27401 919 379-9708

OLINGER, BENJAMIN RAY OTO 011
131 MCDOWELL STREET A AC
ASHEVILLE 28801 704 254-3517

OLIVE, KENNETH EVERETT IM 074
USAF MED. CTR/SGHMI A R
WRIGHT-PATT. AFB,OH 45433 513 257-9655

OLIVER, ANDREW BLAINE, JR. OBG 060
2711 RANDOLPH RD. AC
CHARLOTTE 28207 704 372-8020

OLIVER, DAVID CLARK CD /IM 025
5215 TRENT WOOD DR. A AC
NEW BERN 28560 919 633-5333

OLIVER, FRANCIS THEODORE AN /PH 014
217 MT. CIRCLE DR. P AC
LENOIR 28645 704 754-8421

OLIVER, FREDERICK CARLTON, JR. IM 092
103 BAINES COURT * AC
CARY 27511 919 467-6125

OLIVER, GEORGE MOTLEY, JR. OBG 016
6 MEDICAL PARK AC
MOREHEAD CITY 28557 919 726-8016

OLIVER, JOHN GLADSON OPH 097
408 EIGHTH STREET A P AC
NORTH WILKESBORO 28659 919 838-5121

OLIVER, JOSEPH ANDREW FP 080
P. O. BOX 458 A L
ROCKWELL 28138 704 279-7227

OLIVER, KENNETH LEON OBG 060
1900 RANDOLPH ROAD AC
CHARLOTTE 28207 704 377-5675

OLIVER, WILLIAM RUSSELL PTH 032
114-B FIDELITY STREET A R
CARRBORO 27510 919 929-7120

OLKOWSKI, STEVEN THOMAS OPH 034
1160 EDENWOOD DRIVE A R
WINSTON-SALEM 27103 919 760-2157

OLSEN, ELISE ARLINE D/IM 032
BOX 3294, DUMC A AC
DURHAM 27710 919 684-6844

OLSEN, JEFFREY DOVE 034
2451 BOONE AVE. A S
WINSTON-SALEM 27103 919 725-9812

OLSEN, KENNETH GEORGE AN 067
137 COKE PLACE AC
JACKSONVILLE 28540 919 455-0188

OLSON, BEVERLY IM /EM 041
UNC-G STUDENT HEALTH CENTER AC
GREENSBORO 27412 919 379-5340

OLSON, DAVID GEORGE IM 060
845 CAMBORNE PLACE AC
CHARLOTTE 28210 704 542-1952

OLSON, PAUL RICHARD FP 011
ROUTE #3, BOX 112 A * AC
LEICESTER 28748 704 258-0635

OLSON, ROBERT MORTIMER OPH 051
ROUTE #1, BOX 229-R A L/RT
KENLY 27542 919 284-2526

OLYMPIO, GEORGIA K. PTH 034
526 OSBORNE RD. A R
WINSTON-SALEM 27103 919 768-5217

OLYMPIO, MICHAEL ALLEN AN 034
526 OSBORNE RD. A R
WINSTON-SALEM 27103 919 768-5217

OMAN, TIMOTHY ROY FP 067
267 KINGS LANDING RD. A AC
HAMPSTEAD 28443 919 329-7591

OMER, SYED N/IM 012
BROUGHTON HOSPITAL A AC
MORGANTON 28655 704 433-2284

ONTJES, DAVID AINSWORTH END /IM 032
UNC SCHOOL OF MEDICINE AC
CHAPEL HILL 27514 919 966-4468

ORBOCK, JACOB ALEXANDER IM /CD 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

ORGAIN, EDWARD STEWART CD /IM 032
3321 DEVON ROAD A L/RT
DURHAM 27707 919 489-2111

ORLANDO, ROY CHARLES GE /IM 032
324 CLINICAL SCIENCES BLDG. AC
UNC DEPT. OF MEDICINE 229-H
CHAPEL HILL 27514 919 966-2511

ORLOWSKI, RICHARD ON /HEM 018
690 FAIRGROVE CHURCH RD. A AC
P. O. BOX 3710
HICKORY 28603 704 324-9550

ORMAND, JOHN WILLIAM, JR. OBG 065
1809 GLEN MEADE ROAD A AC
WILMINGTON 28401 919 763-1505

ORMAND, THOMAN LANE OBG 090
1408 E. FRANKLIN ST. A P AC
MONROE 28110 704 289-2553

ORNITZ, ROBERT DAVID ON /TR 092
4420 LAKE BOONE TRAIL A AC
RALEIGH 27607 919 755-3018

ORR, LYNN HUIE, JR. CD /IM 074
ECU DEPT. OF MEDICINE AC
GREENVILLE 27834 919 757-4651

ORR, SAMUEL LAWRENCE PTH 060
CHARLOTTE MEMORIAL HOSPITAL AC
P. O. BOX 32861
CHARLOTTE 28232 704 338-2251

ORRINGER, EUGENE PAUL HEM /IM 032
UNC,DIV.OF HEM,DEPT. OF MED. AC
340 MACNIDER BLDG. 202-H
CHAPEL HILL 27514 919 966-2467

ORRISON, WILLIAM GRESHAM OPH 012
335 E. PARKER ROAD AC
MORGANTON 28655 704 433-6220

OSTERHOUT, SHIRLEY K. PD 032
BOX 3007, DUMC AC
DURHAM 27710 919 684-2498

OSTROW, BARRY SEYMOUR P 092
3049 ESSEX CIR. BLDG. A P AC
RALEIGH 27608 919 782-1366

OSTROWSKI, EDWARD S. DR 001
831 WARWICK COURT AC
BURLINGTON 27215 919 227-1147

OTT, DAVID JAMES DR 034
4761 GREY FOX COURT A AC
WINSTON-SALEM 27104 919 765-7633

OTTENI, GERALD VINCENT DR 013
123 OVERBROOK DRIVE A P AC
CONCORD 28025 704 786-2111

OUTLAND, ROBERT BOONE GP 066
P. O. BOX 410 A L/RT
RICH SQUARE 27869 919 539-2755

OVERBY, JOSEPH RANDAL, JR. FP 025
810 KENNEDY AVE. A AC
P. O. BOX 5409
NEW BERN 28560 919 633-1678

OVERCASH, HAROLD PAYNE PD 092
6905 WINDTREE CIRCLE A AC
RALEIGH 27612 919 787-0266

OVERCASH, WILLIAM TODD 032
F11 WOODBRIDGE APTS. A S
CARRBORO 27510 919 933-6864

OVERTON, DOLPHIN HENRY,JR. OBG 064
132 FOY DRIVE AC
ROCKY MOUNT 27801 919 443-6622

OVERTON, MARK HOWARD IM /FP 031
WALLACE MEDICAL VILLAGE AC
HIGHWAY 117 SOUTH
WALLACE 28466 919 285-2191

OWEN, CHARLES FLETCHER, JR. R 076
P. O. BOX 146 A L
ASHEBORO 27203 919 625-5151

OWEN, CLARENCE HAYS 032
1315 MORREENE RD. APT. 26-A A S
DURHAM 27705 919 383-9016

OWEN, ROBERT HARRISON ABS /GP 044
127 1/2 MAIN STREET A L
CANTON 28716 704 648-2142

OWEN, WILLIAM BOYD GP 044
PO BOX 780 A P * AC
OWEN-SMITH CLINIC, PA
WAYNESVILLE 28786 704 456-8601

OWEN, WILLIAM BOYD, JR. ORS 044
106 GALLOWAY STREET A AC
WAYNESVILLE 28786 704 452-2207

OWEN, WILLIAM CONALLY 034
1430 CHELSEA STREET A S
WINSTON-SALEM 27103 919 777-0212

OWENS, BERNARD JAMES, III CDS /GS 041
1017 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 274-2933

OWENS, FRANCIS LEROY GP /ABS 063
510 N. W. BROAD STREET A L
SOUTHERN PINES 28387 919 692-6022

OWENS, FREDERICK THOMAS PUD /IM 018
912 SECOND STREET, N.E. A AC
HICKORY 28601 704 322-8265

OWENS, ROBERT CARL IM 012
341 E. PARKER ROAD A AC
MORGANTON 28655 704 433-0225

OWENS, STUART CAMERON OTO /HNS 032
3403 BONAPARTE WAY A * R
DURHAM 27707 919 493-2076

OWENS, WILLIAM LAWRENCE IM 082
WOODSIDE PROF. BLDG. A P AC
CLINTON 28328 919 592-4605

OWENS, ZACK DOXEY GS /GYN 070
P. O. BOX 422 A L/RT
ELIZABETH CITY 27909 919 335-4492

OWENSBY, CLYDE NORMAN P 060
1339 WENDOVER ROAD A AC
CHARLOTTE 28211 704 364-5026

OWL-SMITH, FRANCES 032
301 ROLLINGWOOD ROAD A * S
CHAPEL HILL 27514 919 933-5102

OWSLEY, JAMES HAROLD R/NM 018
P. O. BOX 308 A AC
HICKORY 28601 704 322-2644

OXENDINE, DARLENE IM /EM 034
2 OTRANTO CLUB CIRCLE A S
CHARLESTON, SC 29418

OXNER, CLAUDIA GERTRUDE AN 011
DOCTOR'S BLDG., ROOM #202 A P AC
ASHEVILLE 28801 704 254-1960

OZAKI, CHARLES KEITH 032
BOX 2722, DUMC A S
DURHAM 27710 919 684-1183

PAAR, JOHN ARTHUR CD /IM 092
1212 CEDARHURST DR. AC
RALEIGH 27609 919 872-4850

PACE, JOHN SANDERSON AN 065
825 INLET VIEW DRIVE A P * AC
WILMINGTON 28403 919 256-4008

PACKER, JOHN WESLEY ORS /HS 092
3515 GLENWOOD AVE. A P * AC
PO BOX 10707
RALEIGH 27605 919 781-5600

PADDISON, GEORGE MARION R 032
3920 REGENT ROAD A P AC
DURHAM 27707 919 489-0272

PADEN, PAUL ALEXANDER TR 060
3125 BROOKRIDGE LANE A RT
CHARLOTTE 28211 704 366-7883

PADGETT, RICHARD CAMERON 032
411 MCCAULEY ST. A S
CHAPEL HILL 27514 919 942-5518

PAGANO, JOSEPH STEPHEN IM /ID 032
UNC,LINEBERGER CANCER RES. A P AC
CHAPEL HILL 27514 919 966-3036

PAGE, ERNEST BENJAMIN,JR. IM 092
2800 BLUE RIDGE BLVD.,STE. 503 A AC
RALEIGH 27607 919 782-7500

PAGE, GEORGE DANTZLER GS 060
2128 QUEENS ROAD EAST A L/RT
CHARLOTTE 28207 704 377-9788

PAGTER, AMOS TOWNSEND, JR. IM 075
107 WILDERNESS ROAD A P AC
TRYON 28782 704 859-6697

PALMER, JEFFRESS GARY IM /HEM 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-3311

PALMER, ROBERT MARION FP 075
P. O. BOX 1159 A AC
TRYON 28782 704 894-3306

PANCOTTO, FRANK SALVATORE GE 013
602 KNOLLCREST DR., N.E. AC
CONCORD 28025 704 788-4186

PANDARINATH, GUPTA S. GE /IM 042
DRAWER 158 A AC
ROANOKE RAPIDS 27870 919 537-0135

PANOSH, WANDA KOTVAN PD /IM 041
ANNA GOVE HEALTH CENTER AC
UNC AT GREENSBORO
GREENSBORO 27412 919 379-5340

PANTELAKOS, CONSTANTINE G. OTO 026
1653 OWEN DRIVE AC
FAYETTEVILLE 28304 919 484-5108

PANTELAKOS, STEVEN THOMAS 074
28 LEXINGTON SQUARE A S
GREENVILLE 27834 919 756-4752

PANZA, WILLIAM SEBASTIAN 032
BOX 2724, DUMC A S
DURHAM 27710 919 383-5374

PAPINEAU, ALBAN FP 007
PLYMOUTH CLINIC A L
PLYMOUTH 27962 919 793-4155

PAPPAS, PAMELA ANNE P 074
DEPT. OF PSY. A AC
ECU SCH. OF MEDICINE
GREENVILLE 27834 919 757-2660

PAPPAS, PETER GEORGE ID /IM 065
1302 MEDICAL CENTER DR. AC
WILMINGTON 28401 919 763-3651

PARADA, MALCOLM PERRY OBG 080
315 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 636-9270

PARFITT, HENRY E., JR. U 026
1786 METROMEDICAL DR. AC
FAYETTEVILLE 28303 919 485-8151

PARHAM, SUMNER MALONE GYN /OBS 091
J.W.J. MEDICAL SERVICES BLDG. A L/RT
RUIN CREEK ROAD
HENDERSON 27536 919 492-7126

PARK, H. KIM PTH 074
ECU, DEPT. OF CLINICAL PATH. A * AC
GREENVILLE 27834 919 757-4495

PARKE, CHARLES EDWARD 032
614 CASWELL RD. A S
CHAPEL HILL 27514 919 942-6631

PARKE, JAMES CLIFTON, JR. PD /NPM 060
P. O. BOX 32861 A AC
CHARLOTTE 28232 704 338-3156

PARKER, CHARLES LAWRENCE OBG /GYN 025
801 MCCARTHY BLVD. A AC
NEW BERN 28560 919 633-3942

PARKER, HERMAN RICHARD, JR. IM 041
408-B PARKWAY DRIVE A AC
GREENSBORO 27401 919 275-9804

PARKER, JAMES LEE PTH 018
850-H 8TH ST. NE A AC
HICKORY 28601 704 322-3821

PARKER, JOHN CURTIS HEM /IM 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-2468

PARKER, JOSEPH B., JR. P/PYM 032
BOX 3838, DUMC A AC
DURHAM 27710 919 684-2415

PARKER, MICHAEL DEAN R 041
3404 WYNNEWOOD DRIVE A AC
GREENSBORO 27408 919 288-2324

PARKER, MICHAEL YOUNG OTO /HNS 092
3100 BLUE RIDGE RD., STE. 201 A P AC
RALEIGH 27612 919 787-1374

PARKER, PETER EMENS GS 034
2933 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 765-0155

PARKER, ROY TURNAGE OBG 032
BOX 3097, DUMC A AC
DURHAM 27710 919 684-2626

PARKER, SAMUEL LESTER, JR. OBG 054
KINSTON CLINIC, NORTH A AC
KINSTON 28501 919 522-4333

PARKER, TALBOT FORT, JR. OBG 096
2400 WAYNE MEM. DR. STE K A AC
GOLDSBORO 27530 919 734-3344

PARKER, WILLIAM PAXTON, JR. NS 065
1301 CYPRESS GROVE DRIVE A * AC
WILMINGTON 28401 919 762-1804

PARKERSON, GEORGE ROBERT, JR. FP 032
407 CRUTCHFIELD STREET A AC
DURHAM 27704 919 684-5314

PARKERSON, WALTER TUCK OPH 060
225 HAWTHORNE LANE A P AC
CHARLOTTE 28204 704 377-3689

PARKIN, CHARLES EVAN AN 049
737 ST. CLOUD * AC
STATESVILLE 28677 704 873-5661

PARKS, WILLIAM CRAIG IM 040
624 QUAKER LANE, SUITE 207-A A L
HIGH POINT 27262 919 841-4233

PARLIER, REGGIE DAVID 032
1344 NEW CASTLE RD. B-2 A S
DURHAM 27704 919 479-5559

PARNELL, JEROME PATRICK,II U 092
3900 BROWNING PLACE A AC
RALEIGH 27609 919 781-5104

PARR, ROBERT ALEXANDER EM 065
NEW HANOVER HOSP.
DEPT. OF EMERG. MED. AC
WILMINGTON 28401 919 343-7000

PARRIS, ALVA EDWARD FP /OM 034
2240 CLOVERDALE AVE., STE. 219 AC
WINSTON-SALEM 27103 919 725-5881

PARRISH, GLENN CADE AN 078
3580 ROSEWOOD DRIVE A AC
LUMBERTON 28358 919 738-8154

PARROTT, FRANK STRONG GS 080
P. O. BOX 637 A L/RT
SALISBURY 28144 704 633-4546

PARROTT, WILLIAM THOMAS, JR. IM 054
905 N. QUEEN STREET AC
KINSTON 28501 919 523-4269

PARSLEY, BETSY ALLEN PD 034
3420 THORESBY COURT AC
WINSTON-SALEM 27104 919 768-6830

PARSONS, JAMES SHERIDAN IM 092
704 W. JONES STREET A AC
RALEIGH 27603 919 832-5125

PARSONS, LACY JACK OBS 078
2204 ROWLAND AVENUE A L/RT
LUMBERTON 28358 919 739-6431

PARSONS, RICKEY 074
107 KATHRYN LANE A S
GREENVILLE 27834 919 758-0234

PARSONS, ROBERT GREGORY DR 060
8521 PROVIDENCE ROAD A AC
MATTHEWS 28105 704 365-0343

PARTRICK, CORNELIUS THEODORE IM /CD 007
615 E. 12TH STREET AC
WASHINGTON 27889 919 946-2101

PASCHAL, BARTON RILEY ON /HEM 011
ONE DOCTORS DR. A AC
ASHEVILLE 28801 704 254-8232

PASCHAL, GEORGE W., JR. GS 092
3334 ALAMANCE DRIVE A L/RT
RALEIGH 27609 919 787-2177

PASCHAL, GEORGE W., III GS /CDS 092
3814 BROWNING PLACE A AC
RALEIGH 27609 919 781-0710

PASCHOLD, EUGENE H. ON /IM 034
3314 HEALY DR. STE. 107 A * AC
WINSTON-SALEM 27103 919 768-2521

PASQUINI, JOHN ALDO IM /CD 060
125 BALDWIN AVE. A AC
CHARLOTTE 28204 704 338-6300

PASS, MICHAEL WAYNE FP 044
1600 N. MAIN STREET AC
WAYNESVILLE 28786 704 456-3511

PATE, BARRY REEVES OTO /HNS 011
285 MCDOWELL STREET AC
ASHEVILLE 28803 704 252-1853

PATE, CARL DANIEL, JR. FP 031
PO BOX 986 A P R
BEULAVILLE 28518 919 757-4100

PATE, DEWEY HARRIS PTH 092
WAKE MEMORIAL HOSPITAL A AC
RALEIGH 27610 919 755-8260

PATE, EUGENE WESLEY, JR. ORS 054
KINSTON CLINIC,NORTH AC
KINSTON 28501 919 522-4155

PATE, JAMES LLOYD FP 092
8500 BANNISTER CT. AC
RALEIGH 27609 919 847-7421

PATE, WILLIAM HENRY GP 096
P. O. BOX 129 A AC
PIKEVILLE 27863 919 242-5271

PATEL, JAYESH KANCHANLAL 074
109 STEWARD LANE A S
GREENVILLE 27834 919 756-8948

PATEL, KANCHANLAL B. PH /FP 074
404 ST. ANDREWS ST. AC
GREENVILLE 27834 919 756-1343

PATEL, MAHENDRA S. IM /ON 042
240 SMITH CHURCH RD. A AC
ROANOKE RAPIDS 27870 919 537-0134

PATLAK, ERWIN M. P/EM 067
192 VILLAGE DR. A P * AC
JACKSONVILLE 28540 919 577-1400

PATOW, WARREN EDWARD OBG 026
1601-B OWEN DR. A AC
FAYETTEVILLE 28304 919 323-1152

PATRICK, SIMMONS ISLER R 054
KINSTON CLI., NORTH
DOCTORS DR. A AC
KINSTON 28501 919 527-7077

PATRONE, NICHOLAS ANGELO RHU /IM 074
ECU DEPT. OF MED.& PED. A AC
GREENVILLE 27834 919 757-2533

PATSEAVOURAS, LOUIE LEE OTO /PSF 041
522 N. ELAM AVENUE A AC
GREENSBORO 27403 919 299-4907

PATTERSON, BERNARD LOW FP 035
626 N. BICKETT BOULEVARD AC
LOUISBURG 27549 919 496-3680

PATTERSON, CARL NORRIS HNS /MFS 032
1110 W. MAIN STREET A AC
DURHAM 27701 919 682-9341

PATTERSON, DAVID READ GE /IM 041
1409 PEMBROKE RD. AC
PO BOX 9778
GREENSBORO 27408 919 378-0774

PATTERSON, F. M. SIMMONS GS 074
4503 MORGAN LANE A L/RT
NEW BERN 28560 919 633-3492

PATTERSON, F. M. SIMMONS, JR. CD /IM 063
PO BOX 519 AC
205 PAGE ROAD
PINEHURST 28374 919 295-5511

PATTERSON, HUBERT CLIFTON GS 032
602 S. COLUMBIA STREET A L/RT
CHAPEL HILL 27514 919 968-3051

PATTERSON, HUBERT CLIFTON OTO /MFS 092
P. O. BOX 18946 A P AC
RALEIGH 27619 919 787-7171

PATTERSON, JAMES BENSON D 001
1638 MEMORIAL DR. A * AC
BURLINGTON 27215 919 226-8000

PATTERSON, RICHARD BRUCE PHO /PD 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4085

PATTERSON, ROBERT WILLIAM FP /CD 053
110 FIELDS DR. A AC
PO BOX 1860
SANFORD 27330 919 774-6320

PATTERSON, RONALD HALFORD ORS 063
PINEHURST SURGICAL CLINIC A AC
PINEHURST 28374 919 295-1471

PATTERSON, THOMAS HENRY, JR. FP 074
701 N. MAIN STREET AC
FARMVILLE 27828 919 753-3193

PATTON, SUZANNE ELIZABETH 032
2808 ERWIN RD., APT. 6A A S
DURHAM 27705 919 383-0446

PAUCA, ALFREDO LAZO AN 034
2874 ROBIN HOOD ROAD A AC
WINSTON-SALEM 27106 919 722-7079

PAUL, FRANKLIN ARTHUR GS 026
6834 TOWBRIDGE ROAD A AC
FAYETTEVILLE 28306 919 599-3346

PAUL, VINCENT EDGAR ORS 041
530 N. ELAM AVENUE A * AC
GREENSBORO 27403 919 292-8824

PAULSON, DAVID FREEMAN U 032
BOX 2977, DUMC A AC
DURHAM 27710 919 684-5057

PAYNE, CLIFTON GADBERRY FP 079
P. O. DRAWER 1857 AC
REIDSVILLE 27320 919 349-5040

PAYNE, FRED WILLIAM, JR. GS 064
100 NASH MEDICAL ARTS MALL AC
ROCKY MOUNT 27801 919 443-9084

PAYNE, LOEL ZACHARY 032
219 MCCAULEY ST. A S
CHAPEL HILL 27514 919 929-4509

PAYNE, PAUL ANDREW 032
BOX 2760, DUMC A S
DURHAM 27710 919 688-0527

PAYNE, ROBERT BENJAMIN IM /CD 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 365-0760

PAYNE, THOMAS ARTHUR 032
104 CARL DR. A S
CHAPEL HILL 27514 919 929-4291

PAYNE, WINSTON CHARLES OPH 011
20/20 PLAZA,90 ASHLAND AVE. A AC
ASHEVILLE 28801 704 253-4735

PEACE, ROBERT JOSEPH PTH 001
1447 YORK COURT A P AC
BURLINGTON 27215 919 584-5171

PEACH, CHARLES ARTHUR OBG 036
902 COX RD., STE. F A AC
GASTONIA 28054 704 867-6386

PEACOCK, ERLE EWART, JR. PS /GS 032
109 CONNER DR., STE. 2204 AC
CHAPEL HILL 27514 919 933-0005

PEACOCK, JAMES EDWARD, JR. ID /IM 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-4507

PEAK, LATHAM CONRAD FP 082
ROSEBORO MEDICAL CLINIC AC
ROSEBORO 28382 919 525-5055

PEARCE, LARRY ALLEN N 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4101

PEARCE, PHILIP HENDERSON OBG 032
1821 GREEN STREET A P AC
DURHAM 27705 919 286-1258

PEARCE, RICHARD EDWARD 074
202-B LINDBETH DR. A S
GREENVILLE 27834 919 756-8447

PEARSE, RICHARD LEHMER OBG /HYP 032
154 MONTROSE DR. A L/RT
DURHAM 27707 919 493-3995

PEARSON, ARTHUR A. EM 045
FLETCHER HOSPITAL AC
FLETCHER 28732 704 684-8501

PEARSON, JOHN KENT FP 092
P. O. BOX 727 A AC
APEX 27502 919 362-8312

PEARSON, LAWRENCE HAMILTON D 023
809 N. LAFAYETTE ST. A P AC
SHELBY 28150 704 484-0464

PEARSON, WILLIAM SEYMOUR P 034
BOWMAN GRAY SCH. OF MED. A AC
300 S. HAWTHORNE RD
WINSTON-SALEM 27103 919 748-4553

PEDEN, JAMES GWYN, JR. IM /P 074
DEPT. OF MEDICINE A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-4633

PEDIADITAKIS, NICHOLAS P. P 092
5100 LEADMINE ROAD A AC
RALEIGH 27612 919 787-0710

PEEDIN, JAMES HAROLD,JR. FP 065
P. O. BOX 1177 A * AC
BURGAW 28425 919 259-5721

PEELER, FORREST EDWARDS FP 018
ROUTE #3, BOX 436 A P AC
MAIDEN 28650 704 428-2446

PEETE, CHARLES HENRY, JR. OBG 032
BOX 3192, DUMC A AC
DURHAM 27710 919 684-2346

PEETE, WILLIAM P.J. GS 032
BOX 3506, DUMC A AC
DURHAM 27710 919 684-3727

PEGRAM, PAUL SAMUEL, JR ID /IM 034
2332 ELIZABETH AVENUE A AC
WINSTON-SALEM 27103 919 748-4246

PEKMAN, WILLIAM MARTIN HS /ORS 018
250 18TH ST. CIRCLE, SE AC
HICKORY 28602 704 322-5172

PELLIGRA, SALVATORE JOHN PM 041
1200 N. ELM ST. A AC
GREENSBORO 27401 919 379-3667

PENCE, CARLA RAFFETY IM 034
1900 QUEEN ST. A-4 A R
WINSTON-SALEM 27103 919 725-7499

PENCE, JAMES JEROME, JR. FP 065
2110 SOUTH 17TH ST. A AC
WILMINGTON 28401 919 763-3481

PENDER, JOHN ROBERT, III GS 060
1851 E. THIRD STREET, STE. 105 A AC
CHARLOTTE 28204 704 332-4169

PENDLEY, ROBERT ALAN GE /IM 036
211 S. CHESTNUT STREET AC
GASTONIA 28054 704 867-4406

PENDSE, PRABHAKAR D. PDS /GS 041
309 E. WENDOVER AVENUE A P AC
GREENSBORO 27401 919 272-6161

PENKAR, SURESH JAGANNATH AN 034
3333 SILAS CREEK PARKWAY A AC
WINSTON-SALEM 27103 919 773-3180

PENNELL, TIMOTHY CLINARD GS /TS 034
BOWMAN GRAY, DEPT. OF SURG. A P * AC
WINSTON-SALEM 27103 919 748-4671

PENNINGTON, ROBERT CLAY, JR. 032
124 W. ROSEMARY STREET A S
CHAPEL HILL 27514 919 929-9326

PENNINK, MENNO NS 026
3314 MELROSE RD. STE. 103 A P AC
FAYETTEVILLE 28304 919 323-0475

PENNY, LARUE DAVID, JR. PD 023
101 GROVER STREET A AC
SHELBY 28150 704 482-1435

PEPPER, FRANCIS DEWITT, JR. R/NM 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 765-2702

PERDUE, JASPER BURT, JR. GS 035
111 JOLLY STREET P AC
LOUISBURG 27549 919 496-4177

PEREZ-REYES, MARIO P 032
107 HUNTER HILL PLACE A AC
CHAPEL HILL 27514 919 933-9829

PERKINS, GWENDOLYN MYRTIS FP 090
P. O. BOX 584 * AC
1303 E. FRANKLIN STREET
MONROE 28110 704 289-8537

PERKINS, ROBERT SANBORN TS /GS 036
3406 COUNTRY CLUB DR. AC
GASTONIA 28054 704 864-8377

PERRAUT, THOMAS CHRISTOPHER OPH 075
212 HOSPITAL DRIVE P AC
COLUMBUS 28722 704 894-3037

PERRIN, THOMAS SAMUEL, JR. IM 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 365-0760

PERRY, CAREY JONES FP 035
113 JOLLY STREET A * AC
LOUISBURG 27549 919 496-4250

PERRY, DAVID RUSSELL, JR. PD 034
3175 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 768-7030

PERRY, DWIGHT DEAN OPH 032
512 SIMMONS ST. A AC
DURHAM 27707 919 682-7175

PERRY, GLENN BRADFORD ORS /TRS 060
1822 BRUNSWICK AVE. A P AC
CHARLOTTE 28207 704 373-0544

PERRY, HENRY BAKER, JR. GYN 086
477 HAWTHORNE RD. A L/RT
ELKIN 28621 919 835-6183

PERRY, IRVIN SAMUEL PUD /IM 034
2825 LYNDHURST AVENUE A AC
WINSTON-SALEM 27103 919 765-0383

PERRY, JOHN CHRISTOPHER FP 021
P. O. BOX 429 A AC
EDENTON 27932 919 482-2116

PERRY, SAMUEL JOSEPH 034
1723 VIRGINIA RD. 1/2 A S
WINSTON-SALEM 27104 919 724-7601

PESCHEL, ERNST IM /NEP 032
2306 PERSHING ST. A L/RT
DURHAM 27705 919 383-2369

PESCHEL, RUTH LOHMANN IM 032
BOX 3099, DUMC A P L/RT
DURHAM 27710 919 684-2675

PETEET, PAUL HAL IM 082
603 BEAMAN ST. AC
CLINTON 28328 919 592-6114

PETERS, BRYAN MACLIN DR 092
3821 MERTON DR. A AC
RALEIGH 27609 919 755-8511

PETERS, PETER DEMJANTSCHUK GP /EM 012
BROUGHTON HOSPITAL A AC
PO BOX 85
MORGANTON 28655 704 433-2494

PETERS, ROBERT BROOKES, IV FP 033
101 CLINIC DRIVE A AC
TARBORO 27886 919 823-2105

PETERS, STANLEY ORS 018
P. O. BOX 600, FIRST PLAZA AC
HICKORY 28601 704 322-5172

PETERS, WILLIAM ANTHONY,JR. GYN 070
P. O. BOX 392 A AC
ELIZABETH CITY 27909 919 335-2355

PETERSEN, KENNETH MICHAEL GS /CDS 029
4 MEDICAL PARK DR. AC
LEXINGTON 27292 704 246-2487

PETERSON, ERIC WEBSTER P 011
60 FOX CHASE ROAD, WEST A AC
ASHEVILLE 28804 704 254-3201

PETERSON, HUGH DUANE PS 032
UNC, BURNETT-WOMACK BLDG. AC
CHAPEL HILL 27514 919 966-3693

PETERSON, JEFFREY MCBRAYER 032
2 SPRING GARDEN, HOLLAND DR. A S
CHAPEL HILL 27514 919 933-0153

PETERSON, LLOYD JOHN U 041
200 E.NORTHWOOD ST., STE. 302 A AC
GREENSBORO 27401 919 275-6115

PETERSON, NEIL PAUL R/NM 011
P. O. BOX 2959 A AC
ASHEVILLE 28802 704 254-4617

PETERSON, ROBERT LIND OBG 018
210 13TH AVENUE PLACE, N.W. P AC
HICKORY 28601 704 322-3018

PETRICK, THOMAS PAUL GS /END 086
11 N. LIGONIER ST. A AC
LATROBE, PA 15650

PETRILLI, ROBERT EM 034
5465 STYERS FERRY RD. A AC
CLEMMONS 27012 919 766-0479

PETROU, HOMER DONALD GS 091
RUIN CREEK ROAD A P AC
HENDERSON 27536 919 438-5755

PETROZZA, JOSEPH ANTHONY GE /IM 049
2601 FINES CREEK DR. A AC
STATESVILLE 28677 704 873-1904

PETROZZA, PATRICIA HARPER AN 034
300 S. HAWTHORNE RD. A P AC
WINSTON-SALEM 27103 919 748-4498

PETTY, JERRY MILLER NS 060
1010 EDGEHILL ROAD, N. A AC
CHARLOTTE 28207 704 376-1606

PFAFF, HERBERT CHARLES 032
1204 N. GREGSON ST. A S
DURHAM 27701 919 682-8336

PHAN, THAI TIEN P 034
2300 CRESTVIEW WAY A R
WINSTON-SALEM 27103 919 768-2838

PHELAN, JOHN WILLIAM JOSEPH P/IM 029
503 WILLOW DR. AC
THOMASVILLE 27360 919 475-8184

PHILIPP, ROY JACOB IM 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

PHILLIPPI, PAUL JASPER IM 034
261 STAFFORDSHIRE ROAD A AC
WINSTON-SALEM 27104 919 768-9401

PHILLIPS, BRUCE ALTON, JR. IM /GE 009
P. O. BOX 86 AC
ELIZABETHTOWN 28337 919 862-3212

PHILLIPS, CHARLES A. SPEAS GS /CRS 063
165 PAGE ROAD, #2 A AC
PINEHURST 28374 919 295-5311

PHILLIPS, CHARLES WOODROW, JR. FP 001
108 E. MINNEOLA STREET AC
GIBSONVILLE 27249 919 449-4132

PHILLIPS, DEWITT DEWEY, JR. GP 060
1012 S. KINGS DR. STE. 822 AC
CHARLOTTE 28283 704 375-6350

PHILLIPS, ERNEST PAUL, JR. CD 034
1405 PLAZA DRIVE A AC
WINSTON-SALEM 27103 919 765-4131

PHILLIPS, HARRY RISSLER, III CD /IM 032
BOX 3126, DUMC AC
DURHAM 27710 919 681-5816

PHILLIPS, HERBERT ORLANDAH, IV 032
311 PUREFOY ROAD A R
CHAPEL HILL 27514 919 929-6975

PHILLIPS, KATHRYN ELIZABETH 032
200 BLUERIDGE RD. A S
CARRBORO 27510 919 967-1058

PHILLIPS, MARVIN WORTH FP 029
P. O. BOX 367 A AC
THOMASVILLE 27360 919 472-7262

PHILLIPS, ROBERT LEWIS NS 041
200 NORTHWOOD ST., STE. 206 A AC
GREENSBORO 27401 919 274-4666

PHILLIPS, WESLEY FLETCHER FP 034
P. O. BOX 727 A AC
KERNERSVILLE 27284 919 993-8181

PHILLIPS, WILLIAM ALLAN D 065
3208 OLEANDER DRIVE A AC
WILMINGTON 28403 919 763-7333

PHIPPS, CARL SPENCER END /IM 034
3333 SILAS CREEK PARKWAY A P * AC
WINSTON-SALEM 27103 919 765-1640

PHIPPS, ERVIN LAMAR 074
1500 WILLOW ST. APT. #3 A S
GREENVILLE 27834 919 757-3379

PICKARD, CARL GLENN, JR. IM 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-2276

PICKARD, HENRY MACK IM 065
P. O. BOX 3351 A L/RT
WILMINGTON 28401 919 791-1417

PICKLESIMER, FRED LEON OTO 040
624 QUAKER LANE, STE. 300-B A AC
HIGH POINT 27262 919 883-1366

PICKREL, JERRY CLINE PTH 070
P. O. DRAWER 403 A AC
ELIZABETH CITY 27909 919 335-2258

PIECH, KENNETH STOWELL PTH 024
1211 PINKNEY ST. A * AC
WHITEVILLE 28472 919 642-8011

PIERCE, CHARLES GRAINGER PD /PDA 008
201 S. COLONY AVENUE AC
AHOSKIE 27910 919 332-5041

PIERCE, EDWIN LEE IM 092
2618 CHURCHILL ROAD AC
RALEIGH 27608 919 787-6762

PIERCE, HUBERT GAINES IM /CD 054
313 AIRPORT ROAD A AC
KINSTON 28501 919 522-3072

PIERCE, ROBERT JAMES, JR. U 018
1202 N. CENTER STREET A AC
HICKORY 28601 704 322-4340

PIERSON, GEORGE HERMAN, JR R/TR 041
P. O. BOX 13005 A P AC
GREENSBORO 27405 919 379-4140

PIERSON, WILLARD CRESSE, JR. GE /IM 092
1212 CEDARHURST DR. AC
RALEIGH 27609 919 872-4850

PIGFORD, ROBERT TOMS IM /CD 065
301 COLONIAL DRIVE A L/RT
WILMINGTON 28403 919 762-5020

PIKE, ISADORE MURRAY ON /HEM 011
80 VICTORIA ROAD AC
ASHEVILLE 28801 704 258-0994

PIKE, MICHAEL ROBERT GE /IM 092
1151 KILDAIRE FARM ROAD P AC
CARY 27511 919 469-1858

PIKULA, LOUIS, JR. NS 034
3080 TRENWEST DRIVE A AC
WINSTON-SALEM 27103 919 765-3750

PILLAI, JEYAKUMAR P. P 036
238-3 WILMOT DR. #239 A P AC
GASTONIA 28054 704 867-2338

PILLSBURY, HAROLD C., III OTO /HNS 032
UNC,610 BURNETT-WOMACK 229-H * AC
CHAPEL HILL 27514 919 966-3341

PINKUS, BARRY OSCAR AN 034
925 MARGUERITE DR. A AC
WINSTON-SALEM 27106 919 768-5441

PIPPIN, RICHARD LEE IM 074
500 BYNUM DR. A R
FARMVILLE 27828 919 756-9569

PISHKO, MICHAEL THEODORE OBG 063
P. O. BOX 339 A L/RT
PINEHURST 28374 919 295-1961

PITSER, WILLIAM ROSS OTO 034
1420 PLAZA DRIVE A AC
WINSTON SALEM N C 27103 919 765-4922

PITTARD, JESSE C. FP 051
706 WILKINS ST. AC
SMITHFIELD 27577 919 934-5149

PITTAWAY, DONALD EDWARD OBG 034
578 MAIDSTONE LANE AC
CLEMMONS 27012 919 748-2368

PITTMAN, ALFRED ROWLAND, JR. IM 078
2606 N. ELM STREET AC
LUMBERTON 28358 919 739-3362

PITTMAN, ERIC WILLIAMS PTH 049
IREDELL MEM. HOSP. BOX 1460 A P AC
STATESVILLE 28677 704 873-5661

PITTMAN, WILLIAM BRYAN GE /IM 064
100 NASH MEDICAL ARTS MALL A P * AC
ROCKY MOUNT 27801 919 443-9084

PITTS, WILLIAM REID NS /GS 060
429 EASTOVER ROAD A L/RT
CHARLOTTE 28207 704 333-0407

PIVER, JAMES DECAMP GS /ABS 067
200 DOCTOR'S DRIVE, SUITE L P AC
JACKSONVILLE 28540 919 353-7848

PIXLEY, ROLAND THEO OBG 060
1023 EDGEHILL ROAD, SOUTH A AC
CHARLOTTE 28207 704 373-1541

PLESCIA, MARCUS 032
102 KELLY CT. A S
CHAPEL HILL 27514 919 929-9858

PLONK, GEORGE WEBB GS 023
902 CRESCENT CIRCLE A L/RT
KINGS MOUNTAIN 28086 704 739-2272

PLONK, GEORGE WEBB, JR. GS /VS 034
BOWMAN GRAY, DEPT. OF SURG. A AC
WINSTON-SALEM 27103 919 748-4449

PLOWDEN, JAMES FRANCIS ON /HEM 040
P. O. BOX 5904 A AC
HIGH POINT 27262 919 889-1191

PLUMMER, CHARLES WAYNE AN 029
50 E. MAIN ST., STE. 111 A AC
THOMASVILLE 27360 919 472-2000

PLUNKETT, STEVEN ROCKWELL ON 060
2221 COLONY ROAD A AC
CHARLOTTE 28209 704 371-4189

PLYLER, EDWARD THURMAN FP 012
2203 S. STERLING ST. * AC
MORGANTON 28655 704 437-4211

POCOCK, DONALD ANDREW IM /ID 025
5003 TRENT WOODS DRIVE A AC
NEW BERN 28560 919 633-1010

PODGER, KENNETH ARTHER GYN 032
7701 BEACH DRIVE A RT
MYRTLE BEACH, SC 29577 803 449-3459

PODGORNY, GEORGE EM /GS 034
2115 GEORGIA AVENUE A P AC
WINSTON-SALEM 27104 919 727-1161

POEHLING, GARY GEORGE ORS /HS 034
BOWMAN GRAY, DEPT. OF ORS A AC
WINSTON-SALEM 27103 919 748-3948

POINTS, GERALD LEE, II IM /FP 065
5305 WRIGHTSVILLE AVE. BLDG.B A AC
WILMINGTON 28403 919 791-3506

POLE, DONALD TALIAFERRO OBG 065
1912 TRADD COURT P AC
WILMINGTON 28401 919 343-1113

POLLAK, MICHAEL JOSEPH OBG 034
302 FORSYTH MEDICAL PARK AC
WINSTON-SALEM 27103

POLLARD, DULON DEVON P 051
P. O. BOX 411 AC
SMITHFIELD 27577 919 934-8659

POLLARD, HAROLD CALLOWAY,III OBG 034
2927 LYNDHURST AVE. A AC
WINSTON-SALEM 27103 919 765-9350

POLLARD, JOHN CHRISTOPHER PD 026
1213 WALTER REED DRIVE AC
FAYETTEVILLE 28304 919 484-6121

POLLOCK, FRANK EDWARD ORS 034
1425 PLAZA DRIVE A AC
WINSTON-SALEM 27103 919 768-1270

POLLOCK, HOKE DICKINSON OTO 065
1626 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 762-0234

POLLOCK, MORRIS ARTHUR GE /IM 092
1212 CEDARHURST DR. AC
RALEIGH 27609 919 872-4850

POLLOCK, NELSON EARL IM 040
P. O. BOX 5904 A AC
HIGH POINT 27262 919 889-1191

POMERANS, MARK EM /FP 008
407 COLONY AVENUE AC
AHOSKIE 27910 919 332-3552

PONZI, JOSEPH WILLIAM PD 096
2706 MEDICAL OFFICE PLACE AC
GOLDSBORO 27530 919 734-4736

POOL, ROBERT SMITHWICK PTH /CLP 034
FORSYTH MEMORIAL HOSPITAL A AC
WINSTON-SALEM 27103 919 773-3840

POOLE, ERNEST TILGHMAN OPH /P 065
2310 DELANEY AVENUE A AC
WILMINGTON 28403 919 763-3664

POOLE, GORDON JOSEPH DR 041
3106 ST. REGIS ROAD A AC
GREENSBORO 27408 919 379-4140

POOLE, JAMES MORRISON PD /ADL 092
3803 COMPUTER DR., STE. 207 AC
RALEIGH 27609 919 782-5273

POOLE, MICHAEL DANIEL OTO 032
409 WALNUT STREET A R
CHAPEL HILL 27514 919 966-4131

POOLE, TERRY WAYNE OBG 092
2500 BLUE RIDGE CTR., STE. 401 A P AC
RALEIGH 27607 919 781-5510

POPE, JAMES ELLIS CD 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-4326

POPE, JANEY LYNN CHP /P 032
200 EASTOWNE DRIVE A AC
CHAPEL HILL 27514 919 929-0456

POPE, ROBERT CLYDE PD 098
WILSON CLINIC A AC
WILSON 27893 919 291-7001

POPE, SAMUEL A. IM 031
A L/RT
BEULAVILLE 28518 919 298-3193

POPE, THADDEUS HARRIS, JR. OTO 032
2609 N. DUKE ST. STE. 306 A AC
DURHAM 27704 919 471-4493

POPE, THOMAS DAVID OBG 012
403 S. KING STREET A AC
MORGANTON 28655 704 433-4661

POPKIN, CATHERINE DINAH 074
COURTNEY SQUARE - #14E A S
GREENVILLE 27834 919 756-0559

PORCHEY, CARL JOSEPH, JR. IM 034
3630 WINDING CREEK WAY A AC
WINSTON-SALEM 27106 919 768-4730

PORIES, WALTER JULIUS GS /TS 074
203 CHOWAN ROAD A * AC
GREENVILLE 27834 919 757-4629

PORTELA, ANGEL ISMAEL IM 042
220 SMITH CHURCH ROAD AC
ROANOKE RAPIDS 27870 919 535-3001

PORTER, CEDRIC WARREN, JR. OBG /GPM 011
93 VICTORIA ROAD A AC
ASHEVILLE 28801 704 253-4821

PORTER, CHARLES ALEXANDER OBG 060
1712 E. FOURTH STREET A AC
CHARLOTTE 28204 704 375-9074

PORTER, DEAN PRIEST 032
908 CLIFTONBROOK LANE A S
C/O CAROLYN P. MCGARVEY
SILVER SPRING, MD 20904

PORTER, RICHARD ALLISON FP 045
724 FIFTH AVENUE, WEST AC
HENDERSONVILLE 28739 704 693-5128

POSSINGER, CLIVE FRANCIS, JR. IM 045
P. O. BOX 217 AC
NAPLES 28760 704 684-1030

POSTLETHWAIT, RAYMOND W. GS 032
143 PINECREST RD. A L/RT
DURHAM 27705 919 286-0411

POSTMA, DUNCAN SYBREN OTO 032
UNC,610 BURNETT-WOMACK
229-H A AC
CHAPEL HILL 27514 919 966-3341

POSTON, ROBERT LEWIS FP 070
1142 N. ROAD STREET AC
ELIZABETH CITY 27909 919 338-4117

POTEAT, HUBERT MCNEILL, JR. GS 051
P. O. BOX 88 A L/RT
SMITHFIELD 27577 919 934-2524

POTOCKI, LANCE DEWITT FP 021
PO BOX 429 A AC
EDENTON 27932 919 482-2116

†POTTER, CLYDE RANDOLPH GS 007
P. O. BOX 669 A
DECEASED -- 5-12-86
WASHINGTON 27889 919 946-4258

POTTER, JOAN GARSKA FP 032
109 CONNER DR., STE. 2203 AC
CHAPEL HILL 27514 919 929-5700

POTTER, PATRICIA LYNN AN 060
2825 RANDOLPH RD. AC
CHARLOTTE 28211 704 377-1647

POTTS, FREDERICK LATHAM, III EM 074
T-1 DOCTORS PK, BEASLEY DR. A R
GREENVILLE 27834 919 758-1102

POTTS, JAMES MARTIN GS /TS 023
809 N. LAFAYETTE STREET A AC
SHELBY 28150 919 487-8591

POTTS, LEO JOSEPH P 011
P. O. BOX 1101 A * AC
HIGHLAND HOSPITAL
ASHEVILLE 28802 704 254-3201

POTTS, RONALD SARGENT PTH 080
115 WAVERLY CIRCLE A P AC
SALISBURY 28144 704 633-7765

POWE, CHARLES EDWIN, JR. OBG 060
3535 RANDOLPH ROAD, STE. 105 A AC
CHARLOTTE 28211 704 365-0470

POWELL, ALBERT H., JR. P/PYM 000
20 KOGER EXECUTIVE CTR. #212 A AC
NORFOLK, VA 23502 804 461-2485

POWELL, BAYARD LOWERY ON /HEM 034
300 S. HAWTHORNE RD. A R
WINSTON-SALEM 27103 919 748-4337

POWELL, BENJAMIN PHILIP AN 011
421 VANDERBILT ROAD A AC
ASHEVILLE 28803 704 252-1016

POWELL, DAVID CLIFTON GS 092
1108 DRESSER COURT AC
RALEIGH 27609 919 876-2010

POWELL, DON WATSON GE /IM 032
UNC,326 BURNETT-WOMACK BLDG. AC
CHAPEL HILL 27514 919 966-2511

POWELL, E. CHARLES OBG 096
100 WOOTEN POINT ROAD A L
GOLDSBORO 27530 919 778-2692

POWELL, JACK GS 011
190 W. DOCTOR'S BUILDING A P AC
ASHEVILLE 28801 704 253-1529

POWELL, JAMES BLACKMON, II HNS /PSF 011
131 MCDOWELL STREET A AC
ASHEVILLE 28801 704 254-3517

POWELL, JAMES BOBBITT PTH 001
1447 YORK COURT AC
BURLINGTON 27215 919 584-5171

POWELL, JAMES MEYERS, JR. P/CHP 060
2315 RANDOLPH ROAD AC
CHARLOTTE 28207 704 377-4243

POWELL, JESS AVERETTE,III DR 023
201 GROVER STREET A P AC
SHELBY 28150 704 487-3141

POWELL, KENNETH ALTON FP 012
P. O. BOX 330 AC
RUTHERFORD COLLEGE 28671 704 874-2107

POWELL, ROBERT NARROWAY IM 070
1142 N. ROAD STREET AC
ELIZABETH CITY 27909 919 338-4117

POWELL, THOMAS EDWARD, III PTH 001
P. O. BOX 2536 A P AC
BURLINGTON 27215 919 227-1235

POWELL, THOMAS WILLIAM GS /CDS 013
109 FOREST CLIFF CT., NE A AC
CONCORD 28025 704 786-1108

POWELL, WILLIAM CARLYLE PD 026
P. O. BOX 53127 A AC
FAYETTEVILLE 28305 919 484-3121

POWELL, WILLIAM ERNEST, JR. GP 057
1 CHESTNUT STREET A AC
MARS HILL 28754 704 689-2581

POWELL, WILLIAM FLYNN OPH /OTO 011
62 GERTRUDE PLACE A L/RT
ASHEVILLE 28801 704 252-8931

POWER, BHASKAR DAYARAM OTO /A 042
240 SMITH CHURCH ROAD A AC
ROANOKE RAPIDS 27870 919 535-1411

POWERS, BARRY DR 074
306 STANWOOD DRIVE A P AC
GREENVILLE 27834 919 752-5000

POWERS, DOUGLAS FULLER CHP /P 060
5517 EAGLE LAKE DR., SOUTH A AC
CHARLOTTE 28210 704 588-2289

POWERS, STEPHEN KENT NS 032
UNC, 148 CLINICAL SCI. BLDG. A AC
CHAPEL HILL 27514 919 966-1374

PRACYK, JOHN BRADFORD 032
610 DOUGLAS ST., APT. 312-B A S
DURHAM 27705 919 286-7365

PRANGE, ARTHUR JERGEN, JR. P 032
NCMH, DEPT. OF PSYCHIATRY A AC
CHAPEL HILL 27514 919 966-1480

PRATHER, DONNA LYNN P 032
311 BLUERIDGE RD. AC
CARRBORO 27510 919 929-6519

PRATHER, FONZO GOFF GP 011
5 FAIRWAY DRIVE A L/RT
ASHEVILLE 28805 704 298-4071

PRATT, LAURA WINSTEAD FP 092
3400 EXECUTIVE DR. STE. 203 A AC
RALEIGH 27609 919 878-0340

PREFONTAINE, J. EDOUARD OPH 041
827 SOUTHEASTERN BLDG. A L/RT
GREENSBORO 27401 919 272-4455

PRENTICE, ROBERT DEREK FP 032
3500 WESTGATE DR., STE. 705 AC
DURHAM 27707 919 493-8600

PRESSLY, CLAUDE LOWRY GS /TS 060
2300 RANDOLPH ROAD A L/RT
CHARLOTTE 28207 704 376-0327

PRESSLY, DAVID LOWRY FP 049
1109 DAVIE AVENUE A L
STATESVILLE 28677 704 872-5671

PRESSLY, JAMES ALLEN ORS 060
2300-B RANDOLPH ROAD AC
CHARLOTTE 28207 704 375-5955

PRESSLY, JAMES PATTERSON OPH 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 364-8576

PRESSON, THOMAS LEMUEL ORS 041
315 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 275-0724

PRESTON, EDWIN THORNTON ORS 032
110 S. ESTES DRIVE A AC
CHAPEL HILL 27514 919 942-3171

PRESTON, RONALD ALLYN IM 025
P. O. BOX 68 A AC
POLLOCKSVILLE 28573 919 633-1010

PREVETTE, JOHN EDGAR OBG 051
601-A EIGHTH STREET A AC
SMITHFIELD 27577 919 934-8548

PRICE, ANDREW RICHARD IM 098
1901 S. TARBORO ST. A * AC
PO BOX 3188
WILSON 27893 919 243-5505

PRICE, GRADY EDWIN ORS 060
2001 RANDOLPH ROAD A * AC
CHARLOTTE 28207 704 377-4907

PRICE, HARVEY CRAIG HNS 092
1905 STURBRIDGE COURT A P AC
RALEIGH 27612 919 782-8955

PRICE, JAMES LOUIS, III OBG 065
1612 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 763-9015

PRICE, JERRY THEODORE 074
A-4 BROOKHILL TOWNHOMES A S
GREENVILLE 27834 919 355-6254

PRICE, ROBERT EDWIN, JR. NS 032
1830 HILLANDALE ROAD A P AC
DURHAM 27705 919 383-5531

PRICE, THOMAS BAKER GS 041
200 E. NORTHWOOD ST., STE. 304 A AC
GREENSBORO 27401 919 378-9811

PRICHARD, ROBERT WILLIAMS PTH 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-2649

PRIDE, HAROLD SYLVESTER FP /PD 060
951 S. INDEPENDENCE #200 AC
CHARLOTTE 28202 704 377-3015

PRINCE, GEORGE EDWARD PD 036
3709 ST. REGIS DR. A AC
GASTONIA 28054 704 867-5357

PRINCE, JAMES WILLIAM P 008
805 GARRETT ST. #3 AC
AHOSKIE 27910

PRINTZ, DON RALPH D 011
10 DEERFIELD ROAD A L/RT
ASHEVILLE 28803 704 274-1234

PRITCHARD, DOUGLAS DUSSEL AN 049
4981-P HUNT CLUB ROAD AC
WINSTON-SALEM 27104 919 873-0281

PRITCHARD, WILLIAM LEE NS 060
2711--204 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 333-2175

PRITCHETT, NEWTON GEORGE IM 092
2800 BLUE RIDGE, STE. 205 A AC
RALEIGH 27607 919 782-0414

PRIVETTE, DOUGLAS CRAIG CD /IM 074
222 KING GEORGE ROAD P AC
GREENVILLE 27834 919 752-6101

PRIVETTE, MELINDA HILL 032
23 MAXWELL ROAD A S
CHAPEL HILL 27514 919 967-7156

PROCTER, WILLIAM IVAN IM 092
3900 BROWNING PLACE A AC
RALEIGH 27609 919 781-9650

PROCTOR, CAMILLA ALLYN PUD 064
3009 ZEBULON ROAD A P AC
ROCKY MOUNT 27801 919 443-2552

PROCTOR, HERBERT JENNINGS GS /TS 032
UNC, DEPT. OF SURGERY A AC
CHAPEL HILL 27514 919 966-4389

PROCTOR, RICHARD CULPEPPER P 034
381 WESTVIEW DR., S.W. A RT
WINSTON-SALEM 27104 919 723-6020

PROIA, ALAN DAVID PTH 032
4118 DEEPWOOD CIRCLE A AC
DURHAM 27707 919 489-3161

PROSNITZ, LEONARD R. TR 032
BOX 3085, DUMC AC
DURHAM 27710 919 684-3805

PRUETT, DENNIS DERWOOD EM 034
1611 W. FIRST STREET A P AC
WINSTON-SALEM 27104 919 721-1075

PRUITT, JERRY L. D 018
24 SECOND AVENUE, N.E. A P * AC
HICKORY 28601 704 328-6185

PRUITT, RONALD ANTHONY ORS 001
316 N. GRAHAM-HOPEDALE RD. AC
BURLINGTON 27215 919 227-3621

PUCKETT, JAMES BUTLER IM /ON 013
68 LAKE CONCORD RD., NE A AC
CONCORD 28025 704 782-3135

PUGH, JAMES EDWIN, JR. N 060
126 COTTAGE PLACE A AC
CHARLOTTE 28207 704 334-7311

PUGH, RAEFORD THEODORE FP 007
619 E. 12TH STREET A AC
WASHINGTON 27889 919 946-6486

PUGH, VERNON WATSON, JR. PD 092
1321 OBERLIN ROAD A AC
RALEIGH 27608 919 828-4747

PULEO, ELLEN ANNE OBG 063
CCNC, P. O. BOX 786 AC
PINEHURST 28374

PULKINGHAM, NATHAN CARR 074
108 S. HARDING ST. A S
GREENVILLE 27834 919 226-9494

PULLIAM, THOMAS JACKSON IM 034
2811 FOXWOOD LANE A R
WINSTON-SALEM 27103 919 760-4557

PULLY, ROSE FP 054
318 COLLEGE STREET A AC
KINSTON 28501 919 523-2569

PURCELL, PETER NELSON 074
APT. Q-2, DOCTORS PARK A S
GREENVILLE 27834 919 757-3023

PURCELL, WILLIAM ROBERT PD 083
418 KING STREET AC
LAURINBURG 28352 919 276-7570

PURNELL, WILLIAM DAVID OPH 092
801 OBERLIN ROAD, STE. 220 AC
RALEIGH 27605 919 828-0628

PURUSHOTHAMAN, CHANDROTH V. CD /IM 016
#4 MEDICAL PARK A AC
MOREHEAD CITY 28557 919 247-5426

PUSTROM, EINAR P/CHP 036
239 WILMONT ROAD AC
GASTONIA 28054 704 867-2338

PUTMAN, CHARLES EDGAR R/IM 032
BOX 3808, DUMC A AC
DURHAM 27710 919 684-3403

PUTMAN, STEVEN FREDERICK N 060
1900 BRUNSWICK AVE. AC
CHARLOTTE 28207

PUTNEY, ROBERT HUBBARD, JR. FP 098
P. O. BOX 519 A AC
ELM CITY 27822 919 236-4341

PYLES, JERALD DENNIS IM 045
510 7TH AVENUE, WEST A P AC
HENDERSONVILLE 28739 704 692-2231

QUEEN, HUGH OSCAR FP 077
315 CHARLOTTE STREET A AC
HAMLET 28345 919 582-3241

QUEEN, JEFFREY SCOTT PD 060
1418 KENILWORTH AVENUE A R
CHARLOTTE 28203 704 333-8130

QUEEN, LAURINDA LEE D 092
4505 FAIR MEADOWS LN.,STE.103 R
RALEIGH 27607 919 783-7877

QUERY, LUKE WALTER, JR. IM 076
132 W. MILLER STREET A AC
ASHEBORO 27203 919 625-3218

QUERY, RICHARD ZIMRI, JR. RHU /IM 060
1903 QUEENS RD. WEST A L
CHARLOTTE 28207 704 333-8055

QUIGG, GARY RAY IM 013
56 ARDSLEY AVE. A AC
CONCORD 28025 704 782-1101

QUIGLESS, MILTON DOUGLAS, JR. GS 092
100 SUNNYBROOK ROAD A P AC
P. O. BOX 14445
RALEIGH 27620 919 821-5771

QUIGLESS, MILTON DOUGLAS, SR. GP /D 033
P. O. BOX 368 AC
TARBORO 27886 919 823-2112

QUINN, CLIFTON LEE P 092
3125 GLENWOOD PROF VILLAGE A P AC
RALEIGH NC 27608 919 782-0166

QUINN, CORBETT LATIMER FP /PH 031
112-116 N. R.R. ST. AC
MAGNOLIA 28453 919 289-4165

QUINN, MARSHALL K. FP 031
PO BOX 309 A R
MAGNOLIAN 28543 919 723-4767

QURESHI, AFTAB AHMAD GS /OBG 008
312 S. ACADEMY STREET A P AC
AHOSKIE 27910 919 332-2244

QURESHI, AYYAZ MAHMOOD IM /ON 079
505 N. THIRD AVE. AC
MAYODAN 27027 919 548-2456

QURESHI, FAIQA AFTAB PD 008
421 S. PEACHTREE STREET AC
AHOSKIE 27910 919 332-3403

RAAB, MARY JERISTA ON /HEM 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-2383

RAAB, SPENCER O. ON /HEM 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-2383

RABEN, MILTON TR 034
N. C. BAPTIST HOSPITAL AC
WINSTON-SALEM 27103 919 748-4981

RABIL, WILLIAM EDMOND GS /GYN 034
2240 CLOVERDALE AVE., STE. 218 A AC
WINSTON-SALEM 27103 919 722-3691

RABOLD, LEONARD JAMES IM 041
209 HOMEWOOD AVENUE A L/RT
GREENSBORO 27403 919 379-4025

RACKLEY, JAMES WAYNE PD /HEM 034
250 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-4730

RADFORD, HOWARD LEE FP 081
P. O. BOX 427 A P AC
CLIFFSIDE 28024 704 657-5221

RADFORD, WANDA LEE OBG 092
2800 BLUE RIDGE BLVD.,STE. 206 A AC
RALEIGH 27607 919 781-7450

RAFT, ELIZABETH VANCE CHP /P 032
33 KIMBERLY DRIVE AC
DURHAM 27707 919 489-7011

RAGAZ, FLORIAN JOHN GP /CD 059
315 E. COURT STREET A AC
MARION 28752 704 652-4420

RAIFORD, FLETCHER LINDSAY PD 045
1023 FOREST HILL RD. A * L
HENDERSONVILLE 28739 704 693-3296

RAJU, VEGESENA PRUDHVI EM 074
324 KING GEORGE ROAD A AC
GREENVILLE 27834 919 757-4757

RAJU, YEDDU BABU R. P. IM /GER 096
2617 PINE NEEDLES ROAD AC
GOLDSBORO 27530 919 734-1606

RAKESTRAW, SAMUEL HARVEY EM /FP 040
4620 LAKE JEANETTE ROAD AC
GREENSBORO 27408 919 288-8600

RALLIS, MICHAEL GEORGE IM 065
301 S. MCNEIL ST. A P AC
PO BOX 1179
BURGAW 28425 919 259-5011

RAM, BERNARD ALLEN U 049
760 HARTNESS ROAD A AC
STATESVILLE 28677 704 873-4741

RAM, CECIL CASPER U 049
774 HARTNESS ROAD A P AC
STATESVILLE 28677 704 873-3231

RAMBERSAUD, EDWARD NANDLAL 074
A-3 DOCTOR'S PARK APTS. A S
GREENVILLE 27834 919 752-4467

RAMBO, V. BIRCH GS 006
341 PONCE DE LEON NE H
ATLANTA, GA 30365

RAMPE, GLENN STEPHEN FP 076
72 S. MAIN ST. A AC
OLD TOWN, ME 04468

RAMPULLA, ELLIOT JOHN AN 026
1762 METROMEDICAL DRIVE A AC
P. O. BOX 64405
FAYETTEVILLE 28306 919 323-5491

RAMQUIST, NEIL ALBERT DR 092
713 NEW KENT PLACE A P AC
CARY 27511 919 755-3023

RAMSDELL, CHARLES MICHAEL RHU /IM 074
1705 W. SIXTH STREET AC
GREENVILLE 27834 919 752-6101

RAMSEY, EDWARD ALLISON PD 064
124 FOYE DRIVE AC
ROCKY MOUNT 27804 919 443-4031

RAMSEY, FREDERIC MARSH AN 034
238 HALCYON AVENUE A AC
WINSTON-SALEM 27104 919 725-9391

RAND, CECIL HOLMES, JR. IM /PUD 074
1800 W. FIFTH STREET A AC
GREENVILLE 27834 919 752-3185

RAND, STEPHANIE SLATER 074
405 SEDGEFIELD DRIVE A S
GREENVILLE 27834 919 756-0842

RAND, TOM SLADE ORS 098
1704 S. TARBORO ST. A AC
WILSON 27893 919 291-7001

RANDOLPH, ANGUS CRAWFORD P/N 034
300 S. HAWTHORNE RD. A L
WINSTON-SALEM 27103 919 748-4635

RANEY, RICHARD BEVERLY, SR. ORS 032
N. C. MEMORIAL HOSPITAL A L/RT
CHAPEL HILL 27514 919 966-2030

RANGAR, JITINDER SINGH DR /NM 051
P. O. BOX 58 AC
SMITHFIELD 27577 919 934-8171

RANKIN, CHARLES ALBERT, JR. OBG 011
80 VICTORIA ROAD A AC
ASHEVILLE 28801 704 255-8900

RANKIN, JAMES SCOTT TS 032
BOX 3851, DUMC AC
DURHAM 27710 919 684-2718

RANKIN, PRESSLEY ROBINSON, JR. FP 077
P. O. BOX 40 A AC
ELLERBE 28338 919 652-3321

RANKIN, RICHARD BRANDON, JR. OPH 013
500 LAKE CONCORD ROAD A AC
CONCORD 28025 704 782-1127

RANKIN, RICHARD EUGENE FP /GP 036
RANKIN CLINIC A AC
MOUNT HOLLY 28120 704 827-3031

RANKIN, RUFUS PINKNEY, JR. OBG 060
1851 E. THIRD STREET A AC
CHARLOTTE 28204 704 332-8103

RANN, EMERY LOUVELLE FP 060
1001 BEATTIES FORD ROAD A L/RT
CHARLOTTE 28216 704 333-0721

RANSON, JOHN LESTER, JR. IM 060
335 N. CASWELL ROAD A AC
CHARLOTTE 28204 704 376-4852

RANSON, WILLIAM ALEXANDER IM 060
1012 S. KINGS DR. AC
CHARLOTTE 28283 704 374-0773

RAO, INNANJE RAVINDRANATH CD /IM 060
2330 RANDOLPH RD. LAUREL AVE A AC
CHARLOTTE 28207 704 377-0575

RAPER, JAMES SIDNEY R 011
29 MARTINDALE ROAD A L/RT
ASHEVILLE 28804 704 253-0027

RAPP, IRA HAMMES ORS 060
1500 PROVIDENCE RD. A RT
CHARLOTTE 28207 704 821-8528

RARDIN, THOMAS EDWIN RHU 011
43 OAKLAND ROAD A AC
ASHEVILLE 28801 704 253-2824

RASBERRY, EDWIN ALBERT, JR. IM 098
WILSON CLINIC A AC
WILSON 27893 919 291-7001

RATCHFORD, GEORGE RUFUS, JR. IM 064
100 NASH MEDICAL ARTS MALL AC
ROCKY MOUNT 27801 919 443-9084

RATHBUN, LEWIS STANDISH GYN 011
93 VICTORIA ROAD A L/RT
ASHEVILLE 28801 704 253-4821

RATHBUN, MARY ANNE NPM /PD 060
CHARLOTTE MEM. HOSPITAL A AC
P. O. BOX 32861
CHARLOTTE 28232 704 338-3156

RATHMELL, JAMES PHILLIP 034
2080 CRAIG STREET A S
WINSTON-SALEM 27103 919 723-7041

RAU, BRUCE WILLIAM P 034
190 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-6930

RAVENEL, SAMUEL DUBOSE PD 041
1200 N. ELM STREET AC
GREENSBORO 27401 919 379-3900

RAVIN, CARL ERIC R 032
BOX 3808, DUMC A AC
DURHAM 27710 919 681-5268

RAWL, RICHARD PRESTON FP 074
P. O. BOX 339 A AC
BETHEL 27812 919 825-0355

RAWLS, WILLIAM OBG 025
801 MCCARTHY BLVD. A AC
NEW BERN 28560 919 633-3942

RAY, V. GAIL EM 074
DEPT. OF EMERGENCY MED. A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-4757

RAY, VERONICA JOSEPHINE FORBES IM 032
1301 FAYETTEVILLE ST. AC
DURHAM 27707 919 683-1316

RAY, WALTER CARROLL GYN 041
311 W. WENDOVER AVENUE A * AC
GREENSBORO 27408 919 378-1771

RAYMAN, LEA HARDING 034
1840 ELIZABETH AVE. A S
WINSTON-SALEM 27103 919 777-0164

RAYMER, JAMES BARKER GS 060
1928 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 333-6524

RAYNOR, LEIGHTON ALVIN OPH 012
335 E. PARKER RD. AC
MORGANTON 28655 704 433-6220

REAMES, PATRICK MARTIN R 060
4201 TOTTENHAM ROAD A AC
CHARLOTTE 28211 704 371-4056

REASONER, JOHN PERCIVAL, JR. FP 032
2606-F CAMELLIA ST. A R
DURHAM 27705 919 684-4378

REBACK, AVELINA ROQUE P 060
439 COURTNEY LANE AC
MATTHEWS 28105 704 366-5126

RECKLESS, JOHN BRIAN P/PYM 032
1816 FRONT ST., STE. 310 A AC
DURHAM 27705 919 383-1502

RECORD, S. LEO, JR. FP 034
P. O. BOX 627 A AC
KERNERSVILLE 27284 919 993-8181

REDD, JACQUELYN LORRAINE 032
UNC, 650 CRAIGE HALL A S
CHAPEL HILL 27514 919 933-7262

REDDING, MARSHALL SIMMS OPH 070
1142 N. ROAD ST. A * AC
PO BOX 1402
ELIZABETH CITY 27909 919 335-5446

REDDY, AMARENDRA BUSA CD /IM 092
3020 NEW BERN AVE., STE. 410 A AC
RALEIGH 27610 919 828-8967

REDDY, PARVATA CHINNA P. AN 032
DURHAM CO. GENERAL HOSP. A AC
DURHAM 27704 919 471-3411

REDDY, PUTLUR RAMACHANDRA IM /ON 091
MEDICAL ARTS BUILDING AC
RUIN CREEK ROAD
HENDERSON 27536 919 492-6127

REDDY, SREENIVAS MADDURI IM /ON 012
PO BOX 726 A AC
VALDESE 28690 704 874-2921

REDICK, LLOYD FRANKLIN AN 032
BOX 3094, DUMC A P AC
DURHAM 27710 919 684-6736

REDWINE, JAMES DANIEL GP 029
6 WILLIAMS CIRCLE A L/RT
LEXINGTON 27292 704 246-2658

REECE, ORVIL YOUNG, JR. PD 054
2509 N. QUEEN ST. AC
KINSTON 28501 919 522-0335

REED, CHARLES NATHAN D/IM 018
24 SECOND AVE., NE A * AC
HICKORY 28601 704 328-6185

REED, JAMES CROFT R 025
P. O. BOX 2065 A AC
NEW BERN 28560 919 633-5057

REED, JOHN WILLIAM OPH 034
BOWMAN GRAY, DEPT. OF OPH A AC
WINSTON-SALEM 27103 919 748-4091

REEDER, PAUL ARLINGTON GS 039
1026 COLLEGE STREET A AC
OXFORD 27565 919 693-7066

REES, MICHAEL STEVENS IM 092
3101 ESSEX CIRCLE, BLDG. E A AC
RALEIGH 27608 919 782-2631

REESE, MITCHELL CRAWFORD PD 053
555 CARTHAGE STREET * AC
SANFORD 27330 919 776-7534

REEVES, WILLIAM JOHN PTH 013
CABARRUS MEMORIAL HOSP. A P AC
CONCORD 28025 704 786-2111

REGISTER, JOHN FRANCIS ORS 041
310 ROCKFORD ROAD A L
GREENSBORO 27401 919 274-0161

REIBEL, DONALD BAUMANN ORS 092
P. O. BOX 10707 A AC
RALEIGH 27605 919 781-5600

REICHLING, GEORGE HENRY D 067
224 MEMORIAL DR. AC
JACKSONVILLE 28540 919 577-7288

REICHLING, PIRKKO ESTERI GP 067
300 WESTERN BLVD. AC
JACKSONVILLE 28540 919 353-0176

REID, CHARLES FREDRIC U 034
1806 S. HAWTHORNE RD. A AC
PO BOX 5655
WINSTON-SALEM 27103 919 768-0735

REID, CHARLES HAMILTON,JR. IM 034
215 PLYMOUTH AVE. A L/RT
WINSTON-SALEM 27104 919 768-0994

REID, CYNTHIA LEE PTH 034
505 BROOKSIDE COURT A R
KERNERSVILLE 27284 919 996-1036

REID, ROBERT LEARY FP /CD 055
110 DOCTOR'S PARK A AC
P. O. BOX 578
LINCOLNTON 28092 704 735-7414

REID, ROBERT LEARY, JR. FP 055
110 DOCTOR'S PARK A AC
P. O. BOX 578
LINCOLNTON 28092 704 735-7413

REID, STEVEN HUNTER 000
803 DELANEY ST. A R
RICHMOND, VA 23229 804 741-5748

REID, WILLIAM JOSEPH FP 041
2301 DANBURY ROAD A L
GREENSBORO 27408 919 274-6171

REIDA, RONALD JACK EM /PD 025
4514 GREENVIEW RD. A AC
NEW BERN 28560 919 637-4016

REINDOLLER, ROBERT WILLIAM GE /IM 060
1900 RANDOLPH RD. STE. 910 A AC
CHARLOTTE 28207 704 372-7974

REISER, HARVEY J. OPH 032
1356 LUSITANA ST., 6TH FLOOR A R
HONOLULU, HI 96813

REJENT, MARIAN MAGDALEN PD /PH 092
920 HAMPSHIRE COURT AC
CARY 27511 919 467-4652

REMINGTON, JOHN LAUREN DR 065
2101 S. LIVE OAK PARKWAY A AC
WILMINGTON 28403 919 762-3882

RENALDO, DONALD PHILIP OPH 060
1900 RANDOLPH ROAD A P * AC
CHARLOTTE 28207 704 376-5424

RENDALL, JOHN LLOYD, III ORS 041
108 KEMP ROAD, EAST A AC
GREENSBORO 27410 919 275-6318

RENDLEMAN, DAVID ATWELL, III ORS 092
3410 EXECUTIVE DRIVE A P * AC
RALEIGH 27609 919 872-5296

RENDLEMAN, DAVID ATWELL, JR. FP 080
P. O. BOX 4327 AC
SALISBURY 28144 704 633-0844

RENUART, ADHEMAR WILLIAM, III N/PD 032
1830 HILLANDALE ROAD AC
DURHAM 27705 919 383-5531

RESTREPO, GUILLERMO LEON PTH 029
LEXINGTON MEMORIAL HOSPITAL A AC
LEXINGTON 27292 704 246-5161

REVELLE, BONNIE CAULKINS PD 008
421 S. PEACHTREE ST. AC
AHOSKIE 27910 919 332-3403

REYNOLDS, ERNEST HAROLD FP 079
P. O. BOX 330 A L
REIDSVILLE 27320 919 349-3332

REYNOLDS, FRANK RUSSELL PD 065
1613 DOCK STREET A P * AC
WILMINGTON 28401 919 763-4272

REYNOLDS, JAMES WOODROW, JR. OTO /A 080
826 W. HENDERSON STREET * AC
SALISBURY 28144 704 633-8276

REYNOLDS, JOHN OZMENT, JR. OPH 080
410 MOCKSVILLE AVE. A P AC
SALISBURY 28144 704 637-0158

REYNOLDS, JOYCE HINSON EM 034
9550 FREEMAN ROAD AC
KERNERSVILLE 27284 919 996-2173

RHOADES, VADE G. D 034
2240 CLOVERDALE AVE., STE. 98 A * AC
WINSTON-SALEM 27103 919 723-1834

RHOADS, EDWARD JOHN P/PYA 041
606 WALTER REED DR. AC
GREENSBORO 27403 919 299-0511

RHOADS, JOHN MCFARLANE P/PYA 032
BOX 3903, DUMC AC
DURHAM 27710 919 684-6224

RHODES, CECIL DAVID, JR. IM /A 098
P. O. BOX 27894-0309 A P AC
WILSON 27894 919 291-1300

RHODES, JAMES SLADE, JR. GP 007
407 N. SMITHWICK ST. A L/RT
WILLIAMSTON 27892 919 792-2036

RHODES, JOHN FLINT U 092
2800 BLUE RIDGE BLVD. STE. 403 A P AC
RALEIGH 27607 919 781-7113

RHODES, JOHN SLOAN U 092
10 SPRINGMOOR DRIVE A P L/RT
RALEIGH 27609 919 848-7010

RHODES, MARSHA JERNIGAN PD 060
249 BILLINGSLEY ROAD A AC
CHARLOTTE 28211 704 375-1885

RHYNE, JAMES MOODY IM /N 049
757 BRYANT ST. * AC
STATESVILLE 28677 704 873-5658

RHYNE, JIMMIE LEE PH /PD 092
DIV.OF HEALTH SERVICES * AC
PO BOX 2091
RALEIGH 27602 919 733-7791

RICE, A. DOUGLAS PD 032
2919 COLONY ROAD A AC
DURHAM 27705 919 489-9158

RICE, EDMOND LEE GS 036
UNITED CHRISTIAN HOSPITAL H
LAHORE, WEST PAKISTAN

RICE, JOHN RUSSELL RHU 032
BOX 3383, DUMC A AC
DURHAM 27710 919 684-3313

RICE, JOHN SIDNEY D 018
143 33RD AVENUE, NW A L/RT
HICKORY 28601 704 327-0069

RICE, LUCIAN CANDLER, JR. IM 011
147 ASHELAND AVENUE A AC
ASHEVILLE 28801 704 258-1188

RICE, REED PORTER DR 032
DUKE HOSPITAL A AC
DURHAM 27710 919 684-2711

RICE, WILLIAM CHARLES U 060
1012 S. KINGS DR., STE. 806 A AC
CHARLOTTE 28203 704 334-6449

RICE, WILLIAM YATES, III 034
706 FRIAR TUCK ROAD A S
WINSTON-SALEM 27104 919 768-7293

RICHARDS, FREDERICK, II ON /HEM 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4337

RICHARDS, ROBERT DAY FP 098
ROUTE #2 A AC
WILSON 27893 919 291-2215

RICHARDSON, DAVID LEE IM 078
395 WEST 27TH STREET A AC
LUMBERTON 28358 919 739-7551

RICHARDSON, ERNEST C., JR. GYN /OBS 025
801 MCCARTHY BLVD. A AC
NEW BERN 28560 919 633-3942

RICHARDSON, GEORGE IRVIN FP 079
P. O. BOX 1857 AC
REIDSVILLE 27320 919 349-5040

RICHARDSON, LUCILE WELSH PUD /IM 047
355 PEACH STREET AC
PINEBLUFF 28373 919 281-3236

RICHARDSON, WILLIAM PERRY GPM 032
300 GLANDON DRIVE A L/RT
CHAPEL HILL 27514 919 942-3560

RICHER, CHARLOTTE MARTHA PUD /PD 047
DIV. OF HEALTH SERVICES A AC
STE. 506, WACHOVIA BLDG.
FAYETTEVILLE 28301 919 486-1191

RICHMAN, SAMUEL DR 041
342 N. ELM STREET A L
GREENSBORO 27401 919 275-8486

RICHMOND, GLENN HICKAM, JR. 032
CAMELOT VILLAGE, J-4 A S
CHAPEL HILL 27514 919 929-4483

RICHTER, JOEL EDWARDS GE /IM 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-2810

RIDDICK, GEORGE WALTON, JR. OPH 054
KINSTON CLINIC, NORTH A AC
KINSTON 28501 919 522-1611

RIDGWAY, ALTON H. AN /FP 086
RFD #3, BOX 34-I AC
EAST BEND 27018 919 699-8283

RIEFKOHL, RONALD PS /GS 032
DUMC, DIV. OF PLASTIC SURGERY AC
DURHAM 27710 919 684-2854

RIEKER, ROBERT PAUL AN /PDC 034
510 HEARTHSIDE DR. P AC
WINSTON-SALEM 27104

RIELA, ANTHONY RICHARD CHN /N 034
4300 MILL CREEK ROAD A AC
WINSTON-SALEM 27106 919 722-7099

RIEMAN, GILBERT FLETCHER OBG 065
2148 ECHO LANE A P AC
WILMINGTON 28403 919 343-0161

RIESER, GEOFFREY DAVIS 034
2833 BIRCHWOOD DR. A R
WINSTON-SALEM 27103 919 760-3090

RIGGAN, JASPER SIMMONS, III 034
300 S. HAWTHORNE RD. A S
STUDENT BOX 537
WINSTON-SALEM 27103 919 722-7889

RIGGS, MILLARD MCADOO FP 012
105 WOODSWAY LANE A L/RT
MORGANTON 28655 704 433-1585

RILEY, DAVID LINDLEY DR 013
130 LAKE CONCORD RD., N. E. A AC
P. O. BOX 3345
CONCORD 28025 704 786-0214

RILEY, JAMES CHARLES IM /GE 060
125 BALDWIN AVE. A AC
CHARLOTTE 28204 704 374-1696

RILEY, PATRICK MICHAEL AN 007
504 ALDERSON A AC
WASHINGTON 27889 919 946-5846

RILEY, WILLIAM JOSEPH GS 018
605 W. 25TH STREET AC
NEWTON 28658 704 464-5340

RIMER, BOBBY ALAN OBG 060
CHARLOTTE MEM. HOSP. A * AC
PO BOX 32861
CHARLOTTE 28232 704 331-3149

RINEHART, DAVID APGAR FP 036
9 FOREST HILL ROAD A AC
BELMONT 28012 704 825-5333

RINKER, GEORGE ERNEST PTH 001
817 COLONIAL DRIVE A P AC
BURLINGTON 27215 919 584-5171

RIOPEL, DONALD AIME PDC 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1503

RIPPY, WILLIAM DENNIS FP 001
1610 VAUGHN ROAD A P * AC
BURLINGTON 27215 919 226-4471

RITCH, DOUGLAS LAMAR IM 060
335 N. CASWELL ROAD A AC
CHARLOTTE 28204 704 376-4852

RITCHEY, JOHN PHILLIP OPH 026
6816 UPPINGHAM ROAD A AC
FAYETTEVILLE 28306 919 484-6141

RITCHIE, HENRY JACKSON GP 013
865 CHURCH STREET, NORTH A AC
CONCORD 28025 704 786-3181

RIVERS, RUEBEN NORMAN IM 026
1738 METROMEDICAL DRIVE A AC
FAYETTEVILLE 28304 919 323-2503

RIZZUTI, RICHARD PHILIP 074
504 LANCELOT DR. A R
GREENVILLE 27834 919 756-0060

ROACH, ROBERT BURCHELL GS 014
401 MULBERRY ST. SW, STE.101 A AC
LENOIR 28645 704 758-5501

ROARK, GARY LEE 034
1106 MELROSE ST. A * S
WINSTON-SALEM 27103 919 761-1590

ROBBINS, GROVER JAY EM /FP 034
3333 SILAS CREEK PARKWAY AC
WINSTON-SALEM 27103 919 768-7464

ROBBINS, JACK GUYES D 032
823 BROAD STREET A P * AC
DURHAM 27705 919 286-4195

ROBBINS, PHILIP SLOAN P 007
TIDELAND MENTAL HEALTH CTR. AC
WASHINGTON 27889 919 946-8061

ROBERSON, EDWARD LEON GS 033
807 MAIN STREET A L/RT
TARBORO 27886 919 823-3035

ROBERSON, GEORGE DON OTO /A 060
3535 RANDOLPH ROAD A * AC
CHARLOTTE 28211 704 365-0711

ROBERSON, ROBERT STUART PH 044
2216 ASHEVILLE ROAD A L
WAYNESVILLE 28786 704 452-2221

ROBERSON, VIRGIL ODELL, III AN 040
502 LINDSAY ST. A P AC
PO BOX 2324
HIGH POINT 27261 919 882-2567

ROBERTS, BENNIE DWAYNE 032
1119 HILLCREST DR. A S
CHAPEL HILL 27514 919 929-3098

ROBERTS, EUGENE LEONARD, JR. FP 034
2345 WESTFIELD AVE. A AC
WINSTON-SALEM 27103 919 748-2248

ROBERTS, GAYLE ARLEN ON 026
3368 QUARRY ROAD A AC
FAYETTEVILLE 28303

ROBERTS, HAROLD ROSS HEM 032
UNC,CLINICAL SCI BLDG. 229-H AC
CHAPEL HILL 27514 919 966-4305

ROBERTS, JESSE EARLE RHU /IM 034
1425 PLAZA DRIVE A AC
WINSTON-SALEM 27103 919 768-5221

ROBERTS, JOHN MILTON, JR. OBG 082
400 COOPER DRIVE AC
CLINTON 28328 919 592-1414

ROBERTS, JOSEPH EDWARD 034
1608-F NORTHWEST BLVD. A S
WINSTON-SALEM 27104 919 724-9034

ROBERTS, LLOYD EUGENE OBG 065
1612 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 763-9015

ROBERTS, LOUIS CARROLL U 032
3950 PLYMOUTH ROAD A L/RT
DURHAM 27707 919 489-4215

ROBERTS, MARIE PH 032
BOX #7 A L/RT
BAHAMA 27503 919 477-2378

ROBERTS, MARY SUSAN 032
28 SPRING GARDEN APTS. A S
CHAPEL HILL 27514 919 942-8363

ROBERTS, RICHARD SCOTT AI /PD 036
1050 X-RAY DRIVE, SUITE A AC
GASTONIA 28054 704 861-0515

ROBERTS, ROY FOSTER IM /CD 011
P. O. BOX 8127 A L
ASHEVILLE 28814 704 253-6549

ROBERTS, SURRY PARKER RHU /IM 092
700 RUNNYMEDE ROAD A RT
RALEIGH 27607 919 781-1274

ROBERTS, THOMAS ADAMS, JR. GE /IM 060
1350 S. KINGS DR. A AC
CHARLOTTE 28207 704 372-8750

ROBERTS, WILLIAM STANLEY CD /IM 060
4216 BELKNAP RD. AC
CHARLOTTE 28211 704 365-1633

ROBERTSON, BRISON OAKLEY, III FP 011
5-F DOCTOR'S PARK AC
ASHEVILLE 28801 704 252-8885

ROBERTSON, CHARLES G., JR. GP /IM 086
815 ROCKFORD STREET A AC
MOUNT AIRY 27030 919 786-7107

ROBERTSON, JAMES MEBANE GP 049
A L
HARMONY 28634 704 546-7587

†ROBERTSON, JOHN KENNETH FP 053
2515 WATSON AVENUE AC
DECEASED -- 6-25-86
SANFORD 27330 919 775-2321

ROBERTSON, JOHN NEWTON OPH 026
P. O. BOX 30 A L/RT
FAYETTEVILLE 28303 919 485-2732

ROBERTSON, JOSEPH LETCHER,JR. PTH 070
NORTH ROAD ST. A AC
ELIZABETH CITY 27909 919 335-2258

ROBERTSON, KENT ALAN AN /IM 018
420 N. CENTER ST. AC
HICKORY 28601 704 324-3587

ROBERTSON, LEON WHITFIELD FP /OM 064
107 MEDICAL ARTS MALL * AC
ROCKY MOUNT 27801 919 443-8810

ROBERTSON, LLOYD HARVEY, JR. U 080
909 W. HENDERSON STREET A AC
SALISBURY 28144 704 633-9441

ROBICSEK, FRANCIS TS /CDS 060
1960 RANDOLPH ROAD A P AC
CHARLOTTE 28207 704 373-1500

ROBIE, PETER WILLIAM IM 034
3606 KINGSTON ROAD A * AC
WINSTON-SALEM 27106 919 748-2085

ROBIE, WILLIAM ADLAI PD /A 092
1321 OBERLIN ROAD AC
RALEIGH 27608 919 828-4747

ROBINSON, CHARLES HALL, JR. OPH 092
3900 OLD WAKE FOREST ROAD A * AC
SUITE 104
RALEIGH 27609 919 781-7224

ROBINSON, CHARLES WILSON GP 060
816 CHEROKEE RD. A L
CHARLOTTE 28207 704 333-6086

ROBINSON, JAMES ELBERT ORS 034
FORSYTH MEDICAL PARK, STE. 504 AC
WINSTON-SALEM 27103 919 768-9500

ROBINSON, JAMES THOMAS, JR. FP 040
1124 E. LEXINGTON AVENUE A AC
HIGH POINT 27262 919 882-1606

ROBINSON, KATHY SUE 032
4316 LAKE RIDGE DR. A S
RALEIGH 27604 919 876-3345

ROBINSON, LINDA MOORE FP 043
COATS MEDICAL CLINIC A AC
P. O. BOX 280
COATS 27521 919 897-5370

ROBINSON, NORMAN JEFFREY CD /IM 065
2131 S. 17TH ST. A AC
PO BOX 9000
WILMINGTON 28402 919 343-0161

ROBINSON, SAM GS /TS 023
106 EDGEMONT DRIVE P AC
KINGS MOUNTAIN 28086 704 739-4749

ROBINSON, STEPHEN CARY NS 041
200 E. NORTHWOOD, SUITE 504 A AC
GREENSBORO 27401 919 272-4578

ROBISON, WILLIAM PETERSON P 065
2023 SOUTH 17TH STREET AC
WILMINGTON 28401 919 343-0151

ROCAMORA, LEE RUSSELL IM /GE 034
2240 CLOVERDALE AVE., STE. 215 A AC
WINSTON-SALEM 27103 919 725-3591

ROCHMAN, STEPHEN CHARLES U 026
513 OWEN DRIVE A AC
FAYETTEVILLE 28304 919 485-8801

ROCKWELL, DAVID ALLEN ORS 096
2701 MEDICAL OFFICE PLACE A AC
GOLDSBORO 27530 919 736-2157

ROCKWELL, WILLIAM J. K. P 032
DUKE, DEPT. OF PSYCHIATRY A P AC
DURHAM 27710 919 684-3073

RODDEY, OLIVER FENNELL, JR. PD 060
2711--501 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 374-1736

RODGERS, THEODORE YOUNG, III ORS 083
507 W. COVINGTON STREET A AC
LAURINBURG 28352 919 276-3541

RODMAN, CLARK IM 007
615 E. 12TH STREET L/RT
WASHINGTON 27889 919 946-2101

RODWELL, ELEANOR GP 032
1118 HILLANDALE ROAD A AC
DURHAM 27705 919 286-1119

ROEMER, CLIFFORD ERIC DR 060
4116 POMFRET LANE A AC
CHARLOTTE 28211 704 371-4056

ROGERS, CHARLES STEWART IM 041
1200 N. ELM STREET AC
GREENSBORO 27401 919 379-4062

ROGERS, DAVID YORK FP /EM 011
115 1/2 MT. CARMETL RD. AC
ASHEVILLE 28806 704 253-3717

ROGERS, HOBART RAY ORS /HS 081
NORRIS-BIGGS CLINIC A AC
RUTHERFORDTON 28139 704 286-9036

ROGERS, JACK MARRELL P/N 034
BOWMAN GRAY, DEPT. OF PSY. A AC
WINSTON-SALEM 27103 919 748-3617

ROGERS, JAMES MICHAEL PD 034
3318 HEALY DRIVE A AC
WINSTON-SALEM 27103 919 765-8490

ROGERS, LARRY ARCH NS 060
1010 EDGEHILL ROAD, NORTH A AC
CHARLOTTE 28207 704 376-1605

ROGERS, NOEL BRUCE ORS 067
128 MEMORIAL DRIVE A P AC
JACKSONVILLE 28540 919 353-4500

ROGERS, ROBERT LEE, JR OBG 014
P. O. BOX 2640 A AC
LENOIR 28645 704 758-2309

ROGERS, SEYMOUR SHULMAN GS 041
1503 ALLENDALE ROAD A L/RT
GREENSBORO 27408 919 273-6695

ROGERS, TED OPH 044
79 PARAGON PARKWAY A AC
CLYDE 28721 704 456-9423

ROLLER, JEFFERY EARL 032
146 KINGSBURY DR. A S
CHAPEL HILL 27514 919 933-9073

ROLLINS, CHARLES DICK GP 091
507 GRANITE STREET A L
HENDERSON 27536 919 438-7263

ROLLINS, HAL JUDD, JR. OPH 041
348 N. ELM STREET A P AC
GREENSBORO 27401 919 274-4626

ROLLINS, ROBERT LEROY, JR. P/FOP 092
2500 WAKE DRIVE A AC
RALEIGH 27608 919 733-5525

ROMEO, BRUNO JOSEPH IM /NM 045
501 SIXTH AVENUE, WEST A AC
HENDERSONVILLE 28739 704 693-3483

ROMM, FREDRIC JAY FP /GPM 034
BOWMAN GRAY
DEPT. OF FAM.MED. AC
WINSTON-SALEM 27103 919 748-2229

ROMM, WILLIAM HENRY FP 070
P. O. BOX 400 AC
MOYOCK 27958 919 435-6621

ROOD, MARY FRANCES MUNCH P 092
215 S. ACADEMY ST. AC
CARY 27511 919 467-9730

ROOT, JAMES HAROLD, JR. PD 026
4506 KEG COURT A AC
FAYETTEVILLE 28304 919 867-1025

ROPER, JOHN TRACY ORS 060
2001 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 377-4907

ROSE, JOHN DAVID CD /IM 074
1800 W. 5TH ST., #2 AC
GREENVILLE 27834 919 752-3185

ROSE, RICHARD PHILLIP ORS 034
FORSYTH MEDICAL PARK, STE. 504 AC
WINSTON-SALEM 27103 919 768-9500

ROSEN, RICHARD JAMES IM /HEM 041
1032 PROFESSIONAL VILLAGE AC
GREENSBORO 27401 919 273-9758

ROSEN, ROBERT DEAN FP /EM 034
147 COLUMBINE DRIVE A AC
WINSTON-SALEM 27106 919 722-9535

ROSENBERG, ERIC RONALD DR 065
2310 LYNNWOOD DRIVE A AC
WILMINGTON 28403 919 762-3882

ROSENBERG, JOEL BENJAMIN IM 011
445 BILTMORE CENTER, STE. 305 A AC
ASHEVILLE 28801 704 253-1482

ROSENBERG, MARK ROBERT 032
BOX 2841, DUMC A S
DURHAM 27710 919 286-7611

ROSENBERG, STANLEY JOSEPH AN 041
PO BOX 10373 A AC
GREENSBORO 27404 919 379-4092

ROSENOW, PHILIP JOHN OBG 001
1616 MEMORIAL DR. AC
BURLINGTON 27215 919 226-8817

ROSENSTEIN, BYRON DAVID 032
205 NORTHWOOD DR. A R
CHAPEL HILL 27514 919 942-4209

ROSS, ALLAN OBG 041
408 PARKWAY A AC
GREENSBORO 27401 919 378-1110

ROSS, ARTHUR J., III PDS 032
34TH ST. & CIVIC CENTER BLVD. R
PHILADELPHIA, PA 19104 215 596-9375

ROSS, DONALD MACCONNELL GS 001
1610 VAUGHN ROAD A L/RT
BURLINGTON 27215 919 226-8416

ROSS, JAMES MILLER FP 018
P. O. BOX 490 A AC
CLAREMONT 28610 704 459-7324

ROSS, JOHN MARION OBG 045
630 FIFTH AVENUE, WEST AC
HENDERSONVILLE 28739 704 692-2258

ROSS, OTHO B., JR. IM 060
3022 FERNCLIFF ROAD A L/RT
CHARLOTTE 28211 704 366-7820

ROSS, ROBERT MITCHELL AI 034
1365 WESTGATE CENTER DR.#G-1 P AC
WINSTON-SALEM 27103 919 768-0914

ROSS, THOMAS EDGAR FP 077
P. O. BOX 1827 A P AC
ROCKINGHAM 28379 919 895-5253

ROSS, WILLIS RICHARD FP 084
320 YADKIN STREET A AC
ALBEMARLE 28001 704 982-9144

ROSSER, GEORGE THOMAS R 013
1925 TRILLIUM LANE A AC
CHARLOTTE 28211 704 786-0214

ROSTAN, STEPHEN EDWIN D/DMP 063
P. O. BOX 669 A P AC
PINEHURST 28374 919 295-5567

ROSTAND, ROBERT ALTON IM /PUD 040
624 QUAKER LANE, STE. B211 A P AC
HIGH POINT 27262 919 889-1496

ROTHSTEIN, MANFRED SHELDON D 026
1308 MEDICAL DRIVE A AC
FAYETTEVILLE 28304 919 323-2227

ROUFAIL, WALTER MICHEL GE /IM 034
1901. S. HAWTHORNE RD., 310 A P AC
WINSTON-SALEM 27103 919 760-4340

ROUNDS, JOHN CARSON 074
104 CHESTERFIELD CT., #26 A * S
GREENVILLE 27834 919 355-7427

ROUSE, JAMES BRISTOL PD /N 032
306 S. GREGSON STREET A AC
DURHAM 27701 919 688-6349

ROUSE, JOHN LAWRENCE, III FP 082
403 FAIRVIEW ST. AC
CLINTON 28328 919 592-6011

ROVERE, GEORGE DAVITTO ORS 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-3946

ROWE, CHARLES EUGENE, JR. U 040
624 QUAKER LANE, SUITE D-100 A AC
HIGH POINT 27262 919 886-5151

ROWE, CHARLES ROY, JR. GS 049
750 HARTNESS ROAD AC
STATESVILLE 28677 704 873-3929

ROWE, CHARLES THOMAS DR 011
DOCTOR'S BLDG. STE. 103 A * AC
PO BOX 2959
ASHEVILLE 28802 704 254-4617

ROWE, WILLIAM THOMAS RHU /IM 041
1511 WESTOVER TERRACE AC
GREENSBORO 27408 919 378-1461

ROWLAND, MICHAEL CLARK GS 063
P. O. BOX 2000 A P AC
PINEHURST 28374 919 295-2232

ROY, RAYMOND CLYDE AN 034
454 WESTOVER AVENUE A * AC
WINSTON-SALEM 27104 919 748-4498

ROYAL, BILLY WILLIAMSON P 032
P. O. BOX 2387 A P * AC
CHAPEL HILL 27514 919 733-5540

ROYAL, DONNIE MARTIN GP 082
BOX 156 A L
SALEMBURG 28385 919 525-4538

ROYSTER, CHAUNCEY LAKE IM 092
1801 MCDONALD LANE A L/RT
RALEIGH 27608 919 832-0796

ROZAKIS, GEORGE WILLIAM 032
2 ABINGDON WAY A R
DURHAM 27707 919 544-7906

ROZEAR, MARVIN PRICE N 032
BOX 3849, DUKE UNIV. MED. CTR. A AC
DURHAM 27710 919 684-8111

ROZEMA, THEODORE CARL GPM 075
220 HUNTING COUNTRY ROAD AC
TRYON 28782 803 457-4141

ROZIER, JOHN CHARLES, JR. OBG 078
4300 FAYETTEVILLE ROAD A AC
LUMBERTON 28358 919 738-9601

RUARK, ROBERT JAMES OBG 092
525 WADE AVENUE, APT. #51 A L/RT
RALEIGH 27605 919 832-4722

RUBIN, RICHARD BENNETT P 067
824 GUM BRANDH RD. STE. O A P AC
JACKSONVILLE 28540 919 346-5504

RUCKER, WILLIAM L. GS 074
10 DOCTOR'S PARK A * AC
GREENVILLE 27834 919 758-1747

RUDD, EUGENE GREGORY OBG 059
PO BOX 1413 AC
MEDICAL COURT SOUTH
MARION 28752 704 652-3019

RUDISILL, ELBERT ANDREW, JR. FP 018
133 FIRST AVE., SE A AC
HICKORY 28601 704 322-5915

RUEHLE, STEPHEN SAMUEL IM 040
624 QUAKER LANE A P AC
HIGH POINT 27261 919 841-4233

RUFF, RONNIE H. AN 032
2752 MIDDLETON AVE. #30L R
DURHAM 27705 919 684-8111

RUFTY, ALFRED JACKSON, JR. CD /IM 034
BOWMAN GRAY, DEPT. OF MED. A AC
WINSTON-SALEM 27103 919 748-4469

RUIZ, FERNANDO REY P/GER 092
4096 BARRETT DR. AC
RALEIGH 27609 919 832-7606

RUIZ, JOHN DAVID FP 074
302 N. GREENE STREET A P AC
SNOW HILL 28580 919 747-2921

RULE, WILLIAM STANLEY PD 016
8 MEDICAL PARK AC
MOREHEAD CITY 28557 919 726-0511

RUMLEY, RICHARD LEE IM /ID 074
DEPT. OF MEDICINE A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-2550

RUNGE, JEFFREY WILLIAM EM 060
3900 AYSCOUGH RD. A AC
CHARLOTTE 28211 704 331-3181

RUPPENTHAL, CARL ROBERT IM /HEM 060
1350 S. KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

RUSKIN, JEROME CD 041
1904 N. CHURCH STREET A * AC
GREENSBORO 27405 919 274-3241

RUSS, DONALD BARNARD P 060
2315 RANDOLPH RD. A AC
CHARLOTTE 28207 704 377-4243

RUSS, DONALD JAMES IM 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 365-0760

RUSSELL, DOUGLAS MACARTHUR GS 096
304 GLEN OAK DRIVE A P * AC
GOLDSBORO 27530 919 734-5010

RUSSELL, EUGENE FAIRCHILD,III OBG 041
1309 N. ELM STREET A AC
GREENSBORO 27401 919 273-2563

RUSSELL, JEFFREY KENT DIA /END 011
445 BILTMORE CENTER, STE. 302 A P * AC
ASHEVILLE 28801 704 253-6812

RUSSELL, JOHN HUNTER CD 011
14 MCDOWELL ST. AC
ASHEVILLE 28801 704 254-8054

RUSSELL, JOSEPH DWIGHT IM /NEP 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-1300

RUSSELL, MARK WILLIAM WARD 032
BOX 2825, DUMC A S
DURHAM 27710

RUSSELL, PHILIP EVERITT IM /PUD 011
204 DOCTOR'S BUILDING A P AC
ASHEVILLE 28801 704 253-9371

RUSSELL, ROGER BIVINS PS /GS 092
2501 NORTH ST., STE. 500 A AC
RALEIGH 27607 919 782-7762

RUSSELL, WILLIAM ALTON, III 032
BOX 2769, DUMC A * S
DURHAM 27710 919 286-3391

RUSSELL, WILLIAM MICHAEL R/NM 070
P. O. BOX 250 A AC
ELIZABETH CITY 27909 919 335-0531

RUSSELL, WILSON GLOVER PTH 034
FORSYTH MEM. HOSP.
DEPT. OF PATHOLOGY A AC
WINSTON-SALEM 27103 919 773-3840

RUST, CARL KING, II GE /IM 065
1202 MEDICAL CENTER DR. A AC
WILMINGTON 28401 919 341-3300

RUTH, WAYNE KIMBERLY PUD /IM 001
1214 VAUGHN RD. STE. A P AC
BURLINGTON 27215 919 229-4441

RUTLEDGE, MARY LOUISE PD 060
2157 NORTON ROAD A L/RT
CHARLOTTE 28207 704 334-9218

RYAN, ALBERT OLEN, JR. OM 088
P. O. BOX 200 A AC
PISGAH FOREST 28768 704 877-2806

RYAN, W. JAMES,II P 001
723 EDITH STREET AC
BURLINGTON 27215 919 227-0126

RYAN, WILLIAM SCOTT PD 078
103 W. 27TH ST. AC
LUMBERTON 28358 919 739-3318

RYBURN, SAMUEL BENJAMIN PD 098
WILSON CLINIC A AC
WILSON 27893 919 291-7001

RYMUZA, JEFFREY IM /PUD 049
PO BOX 1460 AC
OLD MOCKSVILLE RD.
STATESVILLE 28677 704 878-2011

SAAD, MAGED HANNA P/GP 092
3010 FALSTAFF ROAD AC
RALEIGH 27610 919 821-0300

SABISTON, DAVID COSTON, JR. GS /TS 032
DUKE UNIV. MED. CTR. A AC
DURHAM 27710 919 684-2831

SABISTON, FRANK, JR. GS /TS 054
KINSTON CLINIC, NORTH A AC
BOX 1316
KINSTON 28501 919 522-1626

SABISTON, WALTER ROBERTS OTO 054
KINSTON CLINIC,NORTH, STE. K A * AC
KINSTON 28501 919 523-0687

SACCO, RUSSELL JOHN IM 045
506 PARK HILL COURT A P * AC
HENDERSONVILLE 28739 704 692-3538

SACRINTY, NICHOLAS WILLIAM IM /GE 079
608 LINDEN DR. AC
EDEN 27288 919 623-9794

SAENGER, PAUL JAY ORS 011
50 DOCTORS DRIVE A AC
ASHEVILLE 28801 704 254-9504

SAFIR, ARAN OPH 063
2170 MIDLAND ROAD A AC
SOUTHERN PINES 28387 919 295-2100

SAFRAN, MARC RAYMOND 032
BOX 2769, DUMC A S
DURHAM 27710 919 383-4055

SAHBA, MEHRDAD MAJDZADEH GE /IM 032
306 S. GREGSON STREET A AC
DURHAM 27701 919 682-5561

SALAMEH, KAMAL B. PD /GP 054
2415 W. VERNON AVE. AC
KINSTON 28501 919 522-1261

SALDANHA, RITA LOUIS NPM /PD 074
213 WOODHAVEN ROAD AC
GREENVILLE 27834 919 757-4684

SALEEBY, RICHARD GEORGE CRS 092
3801 COMPUTER DRIVE A P AC
RALEIGH 27609 919 787-2542

SALIBA, CONSTANTIN GS 026
3318 MELROSE ROAD A AC
FAYETTEVILLE 28304 919 323-0280

SALISBURY, KENT WILLIAM CD /IM 011
14 MCDOWELL STREET A AC
ASHEVILLE 28801 704 254-8054

SALLE, GEORGE FREDERIC U 074
1703 W. SIXTH STREET A L
GREENVILLE 27834 919 752-2507

SALLEY, BRUNSON MARTIN FP 060
4101 CENTRAL AVENUE A AC
CHARLOTTE 28205 704 537-0020

SALMON, ROBERT BRUCE R 060
210 POST OAK ROAD A AC
CHARLOTTE 28226 704 338-2270

SALOMON, RICHARD JAY D 032
2203 S. STERLING ST. A R
MORGANTON 28655 704 438-4683

SALTER, TERESA PALMER PD 092
101 W. DURHAM ROAD AC
CARY 27511 919 467-5543

SALTON, RUSSELL ARTHUR,III FP 060
1618 E. MOREHEAD ST. AC
CHARLOTTE 28207 704 523-1157

SALTZMAN, HERBERT AARON PUD 032
BOX 3823, DUMC A AC
DURHAM 27710 919 684-4149

SAMPSON, JOSEPH LUTHER, JR. PS /GS 065
346 SHANDY LANE A AC
WILMINGTON 28401 919 343-9774

SAMUELS, WALTER RAY OBG 060
150 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0461

SANCHEZ, CLARE JEANNE GER /IM 092
3000 NEW BERN AVE. AC
WAKE AHEC MED. TEACHING SERV.
RALEIGH 27610 919 755-8520

SANCHEZ, RAFAEL CAMILO FP /ADL 074
P. O. BOX 1846 A AC
GREENVILLE 27835 919 757-2608

SANDBORN, WILLIAM DEAL 045
P. O. BOX 5400 AC
FLETCHER 28732 704 687-1418

SANDERFORD, JAMES LYON, JR. DR /NM 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 773-3874

SANDERS, GEO. HERBERT SUMNER 032
119 F-4 FIDELITY ST. A S
CARRBORO 27510 919 942-0546

SANDERS, JAMES ALLEN ORS 036
902-E COX ROAD A AC
GASTONIA 28052 704 867-2333

SANDERS, JAMES HENRY, JR. FP /GER 088
P. O. BOX 389 A AC
BREVARD 28712 704 884-9362

SANDERS, LEE HYMAN PD 092
2502 ANDERSON DRIVE AC
RALEIGH 27608 919 787-9888

SANDLER, ROBERT SAMUEL GE 032
UNC, 423 CLINICAL SCI. 229-H AC
CHAPEL HILL 27514 919 966-2511

SANDRIDGE, DAVID ALLEN OBG 011
50 DOCTORS DR. #120 W.ANNEX A P AC
ASHEVILLE 28801 704 255-8900

SANDY, ROBERT EUGENE R 007
608 E. 12TH STREET A AC
WASHINGTON 27889 919 946-2137

SANFILIPPO, ALFRED PAUL PTH /IG 032
3315 STONEYBROOK DRIVE A AC
DURHAM 27705 919 684-2482

SANFORD, VIRGINIA OATES GP /PD 096
811 SIMMONS ST. AC
PO BOX 146
GOLDSBORO 27530 919 734-8242

SANFORD, WILLIAM GORDON OM /IM 034
3300 LEXINGTON RD. A P AC
WINSTON-SALEM 27102 919 784-3939

SANKAR, SEEPLAPUTHUR G. GS /CDS 001
1610 VAUGHN RD. A AC
BURLINGTON 27215 919 226-3417

SANTI, KATHLEEN MARY FP /OBG 061
320 PENSACOLA ROAD P AC
BURNSVILLE 28714 704 682-7441

SANTOSO, RUDY ADRIAN N 018
ROUTE #3, BOX 331 A P AC
HICKORY 28601 704 324-4143

SAPPENFIELD, DAVID LUTHER OPH 000
5207 S. W. 86TH TERRACE A P R
GAINESVILLE, FL 32608

SAPPENFIELD, LUTHER COOK, JR. OPH 026
1629 OWEN DRIVE AC
FAYETTEVILLE 28304 919 484-6141

SARAZEN, PAUL MARK, JR. PD 023
101 GROVER STREET A AC
SHELBY 28150 704 482-1435

SARDI, CARL ANTHONY OTO 041
7100 BETHLEHEM CHURCH RD. A AC
CLIMAX 27233 919 674-2509

SARGENT, WINSTON ARTHUR Y. GP 061
1317 SPEAR ST. A L/RT
SOUTH BURLINGTON, VT 05401

SASIN, ILONA BRANDT FP /OM 034
714 KEIGHTLY COURT AC
WINSTON-SALEM 27104 919 784-2476

SASSER, PATRICK HENRY GP 096
100 E. LOCKHAVEN DRIVE A AC
GOLDSBORO 27530 919 734-2924

SATHER, RANDALL KENNETH R 032
1901 HILLANDALE ROAD A AC
DURHAM 27705 919 383-9407

SATO, TAKAO LEWIS IM 034
200 LEE STREET A S
GREENVILLE 27834 919 756-0007

SATTERFIELD, BENTON SAPP OBG 092
3005 GLENWOOD PROF. VILLAGE A P AC
RALEIGH 27608 919 782-3865

SATTERFIELD, G. HOWARD, JR. OBG 074
DOCTOR'S PARK, BUILDING #5 AC
GREENVILLE 27834 919 758-5246

SATTERLY, ROBERT ALAN OTO 098
WILSON CLINIC A AC
WILSON 27893 919 291-7001

SATTERWHITE, WM. MADISON OTO /HNS 034
1420 PLAZA DRIVE A * AC
WINSTON-SALEM 27103 919 765-4922

SATTLER, RAYMOND LOUIS NS 078
202 WEST 27TH STREET A P * AC
LUMBERTON 28358 919 738-7146

SAUNDERS, CHARLES LAWRENCE,JR. GYN 001
1604 MEMORIAL DRIVE A AC
BURLINGTON 27215 919 228-6434

SAUNDERS, JAY FRED FP 008
AC
AULANDER 27805 919 345-3791

SAUNDERS, WADE HAMPTON,III CD 011
14 MCDOWELL STREET A AC
ASHEVILLE 28801 704 254-8054

SAUTER, SUZANNE VAN HOUTEN RHU /IM 032
UNC, TRAILER 33, 307-H AC
CHAPEL HILL 27514 919 966-5164

SAVARESE, CHARLES JOSEPH, JR. FP /CD 010
P. O. BOX 1948 * AC
SHALLOTTE 28459 919 754-8105

SAVIDGE, THOMAS OLIVER IM /CD 083
601 LAUCHWOOD DR. A AC
LAURINBURG 28352 919 276-7727

SAVITT, MICHAEL ANDREW 032
311 S. LASALLE ST., APT. 40-J A S
DURHAM 27705 919 286-1989

SAVORY, PAUL BORRODAILE R 011
102 HOSPITAL DR. STE. 15 AC
CLYDE 28721 704 274-3628

SAWHNEY, DEEPAK 032
4 GOOSENECK CIRCLE A S
CHAPEL HILL 27514 919 968-1747

SAWYER, CHARLES GLENN CD /IM 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4462

SAWYER, CHARLES JUDSON, III FP 008
MEDICAL ARTS CTR., ACADEMY ST. AC
AHOSKIE 27910 919 332-3548

SAWYER, JOHN WILSON IM 041
609 WALTER REED DRIVE A AC
GREENSBORO 27403 919 299-2815

SAXE, JESSICA SCHORR FP 060
2216 DILWORTH ROAD, WEST AC
CHARLOTTE 28203 704 338-3084

SAYERS, DANIEL GARVIN EM 034
2804 MONTCLAIR ROAD A AC
WINSTON-SALEM 27106 919 748-4625

SAYERS, WILLIAM FLOYD PD 034
3318 HEALY DRIVE A AC
WINSTON-SALEM 27103 919 765-8490

SCANLAN, JAMES GEORGE CD /IM 092
3400 EXECUTIVE DR., STE. 201 A P AC
RALEIGH 27609 919 872-8920

SCARANTINO, CHARLES WALTER TR 074
RADIATION ONCOLOGY CTR. A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-2900

SCARBOROUGH, CHARLES F., JR GP 062
202 OKEEWEEMEE ROAD A * AC
STAR 27356 919 428-2144

SCARBOROUGH, DAWSON EMERSON PTH 092
WAKE CO. MED. CTR.,-PATH. A AC
RALEIGH 27610 919 755-8260

SCARBOROUGH, WALTER AVERY, JR. P 092
1004 DRESSER COURT, STE. 101 AC
RALEIGH 27609 919 876-0090

SCARFF, JOHN EDWIN, JR. U/GS 082
603 BEAMON STREET A AC
CLINTON 28328 919 592-7129

SCARLATA, SALVATORE AN 076
1460 HARPER ROAD AC
ASHEBORO 27203 919 629-0131

SCARLETT, YOLANDA VALJENE 032
08-F POST OAK RD. A S
DURHAM NC 27705 919 383-8736

SCATLIFF, JAMES HOWARD R 032
N. C. MEMORIAL HOSPITAL A AC
CHAPEL HILL 27514 919 966-4238

SCHAAF, ROBERT EDMUND DR 092
C/O WAKE RAD. CONSULTANTS A AC
P. O. BOX 19366
RALEIGH 27619 919 787-8199

SCHAFERMEYER, ROBERT WM. EM /PD 060
CHARLOTTE MEM. HOSPITAL AC
P. O. BOX 32861
CHARLOTTE 28232 704 338-3181

SCHALL, STEWART ALLAN PDC /PD 041
1200 N. ELM ST. AC
GREENSBORO 27401 919 379-4060

SCHARF, FORREST LARRY CLP /NM 096
WAYNE CO. MEM. HOSP. AC
CALLER BOX 8001
GOLDSBORO 27530 919 735-1530

SCHARYJ, MODESTO PTH 034
BOWMAN GRAY, DEPT. OF PATH. A AC
WINSTON-SALEM 27103 919 748-2632

SCHECTER, NANCY POST N 092
3320 EXECUTIVE DRIVE A P AC
RALEIGH 27609 919 872-0940

SCHEIL, CHARLES DAVID 032
24-F STRATFORD HILLS A S
CHAPEL HILL 27514 919 967-4308

SCHEIL, CHARLES PHILIP FP 014
P. O. BOX 960 AC
LENOIR 28645 704 754-0541

SCHERER, IRVIN GEORGE FP 049
P. O. BOX 7 A AC
UNION GROVE 28689 704 539-4731

SCHERER, JAMES LEROY R 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 773-3874

SCHIEBEL, HERMAN MAX GS /TS 032
1020 ANDERSON ST. A L
DURHAM 27705 919 489-5109

SCHIESS, ROBERT JOHN, III NS 025
2713 NEUSE BOULEVARD A P AC
NEW BERN 28560 919 633-6070

SCHILLER, HERBERT MILES PTH /CLP 034
2570 EMPIRE DR. AC
WINSTON-SALEM 27103 919 760-4620

SCHKOLNE, BENZION AN 034
300 BEECHCLIFF COURT A AC
WINSTON-SALEM 27104 919 765-9091

SCHLASEMAN, GUY W. R 032
3643 N. ROXBORO ST. A AC
DURHAM 27704 919 471-3411

SCHLOSSMAN, DAVID MICHAEL IM /ON 032
BOX 3843, DUMC A AC
DURHAM 27710 919 684-4385

SCHMALTZ, ROBERT ANDREW 032
1315 MORREENE RD. APT. 3K A S
DURHAM 27705 919 383-5972

SCHMID, HERMAN ERNEST, JR. FP /GP 034
147 COLUMBINE DR. A P AC
WINSTON-SALEM 27106 919 722-9535

SCHMIDT, CARL JACOB OM 065
GENERAL ELECTRIC CO. A AC
P.O.BOX 780, M/C B06
WILMINGTON 28401 919 343-5320

SCHMIDT, ERIC WILLIAM 034
140 DALEWOOD DR. #6 A R
WINSTON-SALEM 27104 919 768-8666

SCHMIDT, EVELYN PD /PH 032
1301 FAYETTEVILLE STREET A AC
DURHAM 27707 919 683-1316

SCHMITT, PHILIP JULIAN P/CHP 018
PO BOX 9149 A AC
HICKORY 28601 704 327-7888

SCHMITT, RAYMOND FRANCIS, JR. CHP /P 032
NCMH, DEPT. OF PSYCHIATRY A AC
CHAPEL HILL 27514 919 966-2166

SCHMITTER, KARL JOSEPH GS /HNS 036
902 COX RD., STE. C A AC
GASTONIA 28054 704 864-7821

SCHMITZ, ROBERT LOWELL FP /EM 032
1409 DOLLAR AVENUE AC
DURHAM 27701 919 682-1987

SCHNEE, CHARLES FREDERICK GS /FP 025
290 SHORELINE DRIVE A AS
NEW BERN 28560 919 638-2962

SCHNELL, EDWARD WALTER OPH 063
1902-D N. SANDHILLS BLVD. A P AC
ABERDEEN 28315 919 692-4468

SCHNELL, MARTIN NORMAN, JR. 074
BIRCHWOOD SANDS RT. 4, LOT 46 A S
GREENVILLE 27834 919 758-7728

SCHOLL, GEORGE KENNETH, JR. U 060
1012 KINGS DR., STE. 806 A AC
CHARLOTTE 28283 704 334-6449

SCHROETER, THOMAS ANTHONY 034
1008 S. HAWTHORNE RD. A S
WINSTON-SALEM 27103 919 723-3633

SCHUG, JOHN BUTLER OBG 060
3535 RANDOLPH ROAD, SUITE 105 A AC
CHARLOTTE 28211 704 364-1041

SCHULHOF, LARY ALAN NS 011
7 MCDOWELL STREET A P AC
ASHEVILLE 28801 704 255-7776

SCHULTEN, HERBERT JOHN ORS 018
912 SECOND ST. NE A AC
HICKORY 28601 704 324-2800

SCHULTZ, JOHN LOESCH DR /NM 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 773-3948

SCHUMACHER, DONALD IM 060
335 N. CASWELL ROAD A AC
CHARLOTTE 28204 704 376-4852

SCHUMACK, EDWARD JAMES P/FP 092
400 NEWTON ROAD A P AC
RALEIGH 27609 919 847-0008

SCHUMAN, ROBERT WILLIAM 032
1315 MORREENE RD. APT. 13-C A S
DURHAM 27705

SCHUMANN, DEBORAH JEWELL OPH 092
110 BRADY COURT A P AC
CARY 27511 919 467-4500

SCHUPBACH, CURTIS WAYNE D 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

SCHURTER, LONIS LEON LM 092
505 NORTHWOOD CIRCLE A RT
GARNER 27529 919 772-3363

SCHUSTER, STEPHEN BARBER AN 041
1816 PEMBROKE RD., STE. #2 A AC
GREENSBORO 27408 919 272-3720

SCHUTTE, HAROLD DELANO PD 011
53 S. FRENCH BROAD AVE. A AC
ASHEVILLE 28801 704 258-0969

SCHWARTZ, EARL EM 034
3465 DIXIANA LANE A P AC
PFAFFTOWN 27040 919 748-4625

SCHWARTZ, JARED NAPHTALI PTH 060
P. O. BOX 33549 A P AC
CHARLOTTE 28233 704 371-4814

SCHWARTZ, ROBERT PAUL PD /PDE 060
CHARLOTTE MEMORIAL HOSP. A AC
P. O. BOX 32861
CHARLOTTE 28232 704 338-3156

SCHWARTZBERG, MARC SCOTT 032
6-A ESTES PARK APTS. A S
CARRBORO 27510 919 967-8034

SCHWARZ, RONALD PAUL GE /IM 092
3521 HAWORTH DR. AC
RALEIGH 27609 919 782-1806

SCHWEIZER, DONALD CONRAD GYN 041
1517 N. CHURCH ST. A AC
GREENSBORO 27408 919 379-8460

SCHWILM, ARLEN LEE D 060
3535 RANDOLPH ROAD, SUITE 101 A AC
CHARLOTTE 28211 704 364-6110

SCHYMIK, LINDA GLAUBITZ PTH 032
500 N. DUKE ST.,56-206 A R
DURHAM 27701 919 682-2545

SCOTT, ALAN FULTON FP 080
P. O. BOX 63 A AC
SALISBURY 28144 704 636-5431

SCOTT, CHARLES KIMREY PD /ADL 001
530 W. WEBB AVENUE * AC
BURLINGTON 27215 919 228-8316

SCOTT, CHARLES MATTHEW GS /CDS 065
543 MASONBORO SOUND RD. AC
WILMINGTON 28403 919 763-6289

SCOTT, CORIDALIA WALD PTH 041
2803 LAKE FOREST DR. A AC
GREENSBORO 27408 919 299-6815

SCOTT, DEBORAH ANNETTE PD 060
1012 KINGS DR. STE. 1024 A AC
CHARLOTTE 28283 704 376-0884

SCOTT, DIANNE LYNNETTE AN 032
BOX 3060, DUMC AC
DURHAM 27710 919 684-3239

SCOTT, HARRY WHITE D 092
3900 BROWNING PL.,STE. 202 AC
RALEIGH 27609 919 782-2735

SCOTT, JACKSON VANCE FP /IM 036
101 W. CATAWBA AVENUE A P * AC
MOUNT HOLLY 28120 704 827-3014

SCOTT, JOHN LAYNE DR /NM 041
2803 LAKE FOREST DR. A AC
GREENSBORO 27408 919 855-8972

SCOTT, LEGRAND THURMAN, JR. FP 077
1102 CAROLINA DRIVE AC
ROCKINGHAM 28379 919 895-9901

SCOTT, LINCOLN BAIN ADL 032
UNC STUDENT HEALTH SERVICE AC
CHAPEL HILL 27514

SCOTT, ROBERT BAIRD FP 076
132-A W. MILLER STREET A AC
ASHEBORO 27203 919 625-1360

SCOTT, SAMUEL EDWIN FP 001
ROUTE #2, BOX 159 A AC
BURLINGTON 27215 919 421-3247

SCOTT, STEVEN MARTIN OBG /EM 032
3711 STONEYBROOK DR. A AC
DURHAM 27705 919 383-0355

SCOVIL, JAMES A., JR. CD /IM 025
709 PROFESSIONAL DR. A AC
NEW BERN 28560 919 633-5333

SCRUGGS, MICHAEL COLMAN OTO /HNS 049
3300 WINDSOR PLACE A * AC
STATESVILLE 28677 704 873-5224

SCUDERI, PHILLIP EDWARD AN 034
1728 BUENA VISTA RD. A P AC
WINSTON-SALEM 27104 919 773-3180

SCULLY, KEVIN SLEAN ORS 065
1616 MEDICAL CENTER DR. A P AC
WILMINGTON 28401 919 762-2655

SEAGLE, LEE MARCUS, JR. FP 018
133 FIRST AVENUE, S.E. A AC
HICKORY 28601 704 322-5915

SEALS, DANIEL HILTON IM 011
9 BOTANY VIEW COURT AC
ASHEVILLE 28805 704 298-3907

SEALY, WILL CAMP TS /CDS 032
777 HEMLOCK ST., BOX 6000 A L
MACON, GA 31208 912 744-1000

SEATON, KAREN GIPSON IM /END 032
59 POLKS LANDING A S
CHAPEL HILL 27514 919 383-8388

SEAY, HILLIS LEDBETTER GP 060
P. O. BOX 528 A * L
HUNTERSVILLE 28078 704 875-6946

SECOSAN, CRAIG JOHN OPH 050
PO BOX 517 A AC
SYLVA 28779 704 586-2120

SECREST, ALVIN JACKSON, JR. U 023
1001 N. WASHINGTON STREET A AC
SHELBY 28150 704 482-2011

SEDDON, JOHN MICHAEL U 043
714 TILGHMAN DR. A AC
DUNN 28334 919 892-1068

SEDWITZ, JOSEPH LEE GS /GYN 092
231 HOSPITAL ROAD A AC
ZEBULON 27597 919 269-9310

SEEAR, TORBEN GYN 036
938 PARAMOUNT CIRCLE A L/RT
GASTONIA 28052 704 864-7935

SEEMAN, BRIAN ANDREW AN 043
702 TILGHMAN DR. A AC
DUNN 28334 919 892-9261

SEGRETI, EILEEN MARIE 032
538 FINLEY ST. A S
DURHAM 27705 919 383-7558

SEHGAL, NARINDER NATH OBG 074
ECU DEPT. OF OB-GYN AC
GREENVILLE 27834 919 757-4622

SEIDEL, MURRAY KAYE ORS 065
1222 MEDICAL CENTER DRIVE A P AC
WILMINGTON 28401 919 763-2977

SEIFFERT, INGEBORG EM /IM 080
2500 W. INNES STREET AC
SALISBURY 28144 704 636-5932

SEIGLER, HILLIARD FOSTER GS 032
BOX 3966, DUMC A AC
DURHAM 27710 919 684-3942

SEIGMAN, EDWIN LINCOLN DR 064
105 BUNN DRIVE AC
ROCKY MOUNT 27804 919 443-2044

SEIGNIOUS, DAVID WAYNE IM 065
209 PINECLIFF DRIVE A R
WILMINGTON 28403 919 791-2954

SELF, JERRY LEE DR 081
PO BOX 886 A * AC
217 W. SECOND ST.
RUTHERFORDTON 28139 704 287-2984

SELLE, JAY GREGORY TS /CDS 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1500

SELLERS, BOBBY EUGENE P 092
3900 BROWNING PLACE AC
RALEIGH 27609 919 787-7125

SELLERS, FRANK BARKLEY ORS 013
528 LAKE CONCORD ROAD, N.E. A * AC
CONCORD 28025 704 788-3155

SELLERS, PHILLIP ALAN IM 045
510 7TH AVENUE, WEST A * AC
HENDERSONVILLE 28739 704 692-2231

SELMAN, RICHARD DAVID P 011
HIGHLAND HOSPITAL A * AC
P. O. BOX 1101
ASHEVILLE 28802 704 254-3201

SELTZER, STEPHEN CHARLES FP 084
320 YADKIN STREET A AC
ALBEMARLE 28001 704 982-9144

SEMANS, JAMES HUSTEAD U 032
DUKE UNIV. MED. CTR. A P L
DURHAM 27710 919 684-2744

SEMONES, JEANNE ANGELA P 026
1285 OLIVER ST. A P AC
FAYETTEVILLE 28304 919 484-4171

SENAY, BRUCE ALAN U 054
KINSTON CLINIC NORTH A AC
KINSTON 28501 919 527-3043

SENIOR, ROBERT JOSEPH ADL 032
500 EASTOWNE DR., SUITE 201 AC
CHAPEL HILL 27514 919 929-3471

SENTER, RICHARD GORDON RHU /IM 060
1350 KINGS DRIVE A AC
CHARLOTTE 28207 704 372-8750

SENTER, WILLIAM JEFFRESS IM /CD 092
704 W. JONES STREET A AC
RALEIGH 27603 919 832-5125

SERAFIN, DONALD PS /GS 032
DUKE, DIV. OF PLASTIC SURG. A * AC
DURHAM 27710 919 684-3347

SERENE, JAMES WILLIAM ORS 049
141 N. KELLY STREET A P * AC
STATESVILLE 28677 704 872-7492

SERENE, MARY BRUCE MCKENZIE AN 049
141 N. KELLY STREET A P * AC
STATESVILLE 28677 704 873-5661

SERFAS, DAVID HILL CD 011
14 MCDOWELL ST. AC
ASHEVILLE 28801 704 254-8054

SERVOSS, RONALD LEE AN 050
P. O. BOX 984 A P AC
SYLVA 28779 704 586-8941

SERVOSS, SUE ANNE BOYNTON FP /PH 050
P. O. BOX 984 A AC
SYLVA 28779 704 586-4083

SESSIONS, JOHN TURNER, JR. GE /IM 032
UNC,324 CLINICAL SCI. 229-H A AC
CHAPEL HILL 27514 919 966-2511

SESSIONS, RICK PAUL 032
210 WESTBROOK DR. A S
CARRBORO 27510 919 933-5880

SESSOMS, RODNEY KEVIN 074
1016-B WESTOVER DR. A S
GREENVILLE 27834 919 830-1453

SESSOMS, STUART MCGUIRE IM 032
P. O. BOX 2291 A AC
DURHAM 27702 919 489-6779

SETTLE, PAUL COX FP 001
316 1/2 S. MAIN STREET AC
GRAHAM 27253 919 228-9759

SEVERN, HENRY DOELLER ORS 011
111 VICTORIA AT OAKLAND RD. A L/RT
ASHEVILLE 28801 704 252-7331

SEVIER, ROBERT ENGLISH END /IM 041
200 E. NORTHWOOD ST., STE. 312 A P AC
GREENSBORO 27401 919 274-7609

SHACKELFORD, ERNEST D., JR DR /NM 076
P. O. BOX 427 AC
ASHEBORO 27204 919 629-0774

SHACKELFORD, JOSEPH ROY, III FP 032
210 S. CAMERON ST. AC
HILLSBOROUGH 27278 919 732-9311

SHACKELFORD, ROBERT HILLIARD FP 096
238 SMITH CHAPEL ROAD A P AC
MOUNT OLIVE 28365 919 658-4954

SHAFER, DONALD THORNTON AN 041
5 MONMOUTH COURT A P AC
GREENSBORO 27410 919 373-8555

SHAFER, FRANK TYACK IM 080
P. O. BOX 2129 A * AC
SALISBURY 28144 704 636-1826

SHAFER, IRVING EVERETT, JR. R 049
P. O. BOX 588 A AC
STATESVILLE 28677 704 873-5661

SHAFFER, JOHN SHERIDAN U 029
32-A SOUTH KIRKWOOD AC
LEXINGTON 27292 704 249-7728

SHAFFNER, LOUIS DES PDS /GS 034
740 N. PINE VALLEY ROAD A P * AC
WINSTON-SALEM 27106 919 725-1503

SHAFFNER, SUSAN CASPER 060
127 HILLSIDE AVE. R
CHARLOTTE 28209 704 332-7539

SHAH-KHAN, SARDAR MAHMOOD IM /CD 012
303 COLLEGE STREET A P AC
MORGANTON 28655 704 437-4261

SHAH, BANSILAL PARBHULAL GS /CDS 034
3030 TRENWEST DRIVE AC
WINSTON-SALEM 27103 919 768-3530

SHAH, JYOTSNA RAMESH AN 065
116 ROBERT E. LEE DRIVE AC
WILMINGTON 28403 919 763-4901

SHAH, PRIYAVADAN MANEKLAL CD /IM 092
121 EDINBURGH ST. #208 AC
CARY 27511 919 469-9919

SHAH, RAMESH MANHARLAL OBG 065
116 ROBERT E. LEE DRIVE AC
WILMINGTON 28401 919 791-2301

SHAHADY, EDWARD JOHN FP 032
UNC,TRAILER 15,269H,DPT.FAM MD AC
CHAPEL HILL 27514 919 966-3711

SHAHADY, GERTRUDE KOCH 032
112-A W. POPLAR AVE. A S
CARRBORO 27510 919 942-2077

SHAIA, WILLIAM HARRY FP 060
2125 BERRYHILL ROAD A AC
CHARLOTTE 28208 704 375-3217

SHALOM, ROSE IM /NEP 032
UNC, BLDG. 469-H AC
CHAPEL HILL 27514 919 966-2281

SHAMBLIN, WILLIAM JOSEPH, JR CHP /P 011
HIGHLAND HOSPITAL A AC
P. O. BOX 1101
ASHEVILLE 28802 704 254-3201

SHANKER, KASTURI GIRIJA U 042
117 WEST SEVENTH STREET AC
ROANOKE RAPIDS 27870 919 537-0023

SHANLEY, VERA CROOKE AN 060
10312 FRANCIS MARION CT. A AC
MATTHEWS 28105 704 487-3812

SHANNON, WILLIAM BARTHOLOMEW OPH 036
1061 X-RAY DR. A AC
GASTONIA 28054 704 861-8557

SHANNON, WILLIAM GARY AN 080
ROUTE #8, BOX 315 A P AC
SALISBURY 28144 704 637-3599

SHAPIRO, DANIEL ALLEN AN 065
329 TRAILS END ROAD, #4 A AC
WILMINGTON 28403 919 343-7000

SHAPIRO, MARK THOMAS OPH 041
1311 N. ELM ST. AC
GREENSBORO 27401 919 378-9993

SHAPIRO, WILLIAM HARTMAN IM /CD 081
NORRIS-BIGGS CLINIC AC
RUTHERFORDTON 28139 704 286-9036

SHAPPLEY, BEN GORDON PD 074
1800 W. FIFTH STREET AC
GREENVILLE 27834 919 752-7141

SHARMA, DEVENDRA IM 051
P. O. BOX 1690 AC
SMITHFIELD 27577 919 934-5568

SHARPE, EUGENE BAXTER R/NM 011
P. O. BOX 2959 A AC
ASHEVILLE 28802 704 254-4617

SHARPLESS, EDWARD ARTHUR PTH 041
DRAWER X-3 A AC
GREENSBORO 27402 919 299-6815

SHARPLESS, MARTHA KORNEGAY PD 041
MOSES CONE HOSPITAL AC
GREENSBORO 27401 919 379-4064

SHARPTON, BENNIE REEVES GS 044
1600 N. MAIN STREET A AC
WAYNESVILLE 28786 704 456-8633

SHASTRY, CHANDRASHEKARA IM /END 036
607 E. GARRISON BLVD. AC
GASTONIA 28054 704 866-4607

SHAVENDER, EUGENE FRANK GYN 032
1830 HILLANDALE ROAD AC
DURHAM 27705 919 383-5531

SHAVER, EDWARD FRANKLIN, JR. OT 060
1851 E. THIRD STREET A AC
CHARLOTTE 28204 704 376-8436

SHAW, DALE RUSSELL DR 092
P. O. BOX 19366 A P * AC
RALEIGH 27619 919 787-8199

SHAW, FRANK STEDMAN PD /PDA 026
P. O. BOX 53127 A AC
FAYETTEVILLE 28305 919 484-3121

SHAW, GAIL LYNN IM 032
14008 COVE LANE A R
ROCKVILLE, MD 20851

SHAW, JOHN ALEXANDER PD 026
5948 BRAGG BOULEVARD A L/RT
FAYETTEVILLE 28305 919 484-3121

SHAW, LLOYD ROOSEVELT GYN 049
222 N. OAK STREET A L/RT
STATESVILLE 28677 704 873-9642

SHAW, ROBERT ARNETT PUD /IM 074
1705 W. SIXTH STREET AC
GREENVILLE 27834 919 752-6101

SHEALY, FRED GRAY, JR. GS /VS 045
561 FLEMING STREET AC
HENDERSONVILLE 28739 704 693-1778

SHEALY, RONALD BERNARD OTO 034
175 CHARLOIS BLVD., STE. 101 A AC
WINSTON-SALEM 27103 919 768-3361

SHEARER, JAMES NEIL PS /GS 060
2711 RANDOLPH RD. STE. 507 AC
CHARLOTTE 28207 704 372-8800

SHEARIN, JACOB CONNELL PS /GS 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-4171

SHEARIN, WILBURN THADDEUS, JR. U 065
1905 GLEN MEADE ROAD A AC
WILMINGTON 28403 919 763-6251

SHEARIN, WILLIAM ARTHUR OPH 092
2800 BLUE RIDGE BLVD., STE.405 P * AC
RALEIGH 27607 919 781-7373

SHEETS, DOUGLAS DEAN OBG 081
TRYON RD., PO BOX 1208 A AC
RUTHERFORDTON 28139 704 287-7383

SHELBURNE, JOHN DANIEL PTH 032
BOX 3712, DUMC AC
DURHAM 27710 919 684-3300

SHELBURNE, PALMER FRIEND CD 041
1011 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 272-6133

SHELBURNE, THOMAS MAYNARD FP 086
RT. #2, BOX 384 A AC
JONESVILLE 28642 919 835-6300

SHELDON, FRANK CHADWICK EM /GS 007
BEAUFORT COUNTY HOSPITAL AC
EAST 12TH STREET
WASHINGTON 27889 919 946-1911

SHELDON, GEORGE FRANK GS /TRS 032
UNC, 131 BURNETT-WOMACK
BLDG. A AC
CHAPEL HILL 27514 919 966-4052

SHELTON, RAYMOND ALAN 032
2102 SPRUNT STREET A * R
DURHAM 27705 919 286-1276

SHEN, SUNG FAN FP 026
2414 HOPE MILLS ROAD A P AC
FAYETTEVILLE 28304 919 424-2426

SHEPARD, ARTHUR JAMES, III 032
130-N EAST LONGVIEW A S
CHAPEL HILL 27514 919 942-2342

SHEPARD, CLAUDIA PRICHARD 034
1406 JARVIS ST. A S
WINSTON-SALEM 27101 919 722-8253

SHEPHERD, ROBERT EDWARD DR 041
P. O. BOX 13005 A AC
GREENSBORO 27405 919 273-0325

SHEREFF, RICHARD HENRY D/A 026
139 HUNTER CIRCLE A AC
FAYETTEVILLE 28304 919 323-4888

SHERIDAN, ROBERT JOHN PD 064
101 NASH MEDICAL ARTS MALL AC
ROCKY MOUNT 27801 919 443-8820

SHERMER, RICHARD WAYNE PTH 032
UNC, DEPT. OF PATHOLOGY A AC
BRINKHOUS-BULLITT BLDG.228H
CHAPEL HILL 27514 919 966-2339

SHERRILL, GARY BRADLEY 032
134 BEECHWOOD DR. A S
CARRBORO 27510 919 929-2435

SHERRILL, JOHN FRANKLIN, JR. R 032
3643 N. ROXBORO ST. A AC
DURHAM 27704 919 471-3411

SHERRINGTON, BRIAN THOMAS PD 063
195 W. ILLINOIS AVE. A AC
SOUTHERN PINES 28387 919 692-2444

SHETTERLY, ROGER DAVIS OPH 045
1027-B FLEMING STREET A AC
HENDERSONVILLE 28739 704 693-4161

SHICK, JAFAR MO AN 092
1028 WASHINGTON ST. A AC
RALEIGH 27605 919 755-8000

SHIEH, RICHARD CHEN HAI R 009
HOSPITAL DR. AC
PO BOX 398
ELIZABETHTOWN 28337 919 862-4043

SHIELDS, CHARLES ROBERT PM 011
PO BOX 15025 A AC
ASHEVILLE 28813 704 274-2400

SHIELDS, MILTON BRUCE OPH 032
DUKE UNIVERSITY EYE CENTER A P AC
DURHAM 27710 919 684-2841

SHIMM, CYNIA BROWN P/PYA 032
2609 N. DUKE ST. STE. 103 A AC
DURHAM 27704 919 471-3487

SHINGLETON, WILLIAM WARNER GS 032
BOX 3814, DUMC A AC
DURHAM 27710 919 684-2282

SHINN, GEORGE CLYDE GP 080
111 N. MAIN STREET A L
CHINA GROVE 28023 704 857-7098

SHIPLEY, MICHAEL BURGESS IM /GE 032
1901 HILLANDALE ROAD A AC
DURHAM 27705 919 383-1518

SHIREY, JOHN LUTHER A 011
NEW LEICESTER HIGHWAY A L/RT
RT. #4, BOX 1525
ASHEVILLE 28806 704 683-2360

SHIRLEY, ROBERT E.L., JR. OBG 060
1955 RANDOLPH ROAD P AC
CHARLOTTE 28207

SHIVE, ROBERT MACGREGOR P 060
1937 SELWYN AVENUE AC
CHARLOTTE 28207 704 375-7717

SHIVERS, JAMES ALLISON DR /NM 011
STE. 301, 445 BILTMORE CENTER A AC
ASHEVILLE 28801 704 254-2371

SHOAF, EDWIN HUSS, JR. IM 060
491 N. WENDOVER RD. AC
CHARLOTTE 28211 704 366-7291

SHOOK, EARL LESTER, JR. U 011
100 VICTORIA ROAD * AC
ASHEVILLE 28801 704 254-8883

SHORT, EARL DEGREY, JR. P 060
3224 CHAUCER DRIVE A AC
CHARLOTTE 28210 704 375-3575

SHOWN, THOMAS EARL U 034
2932 LYNDHURST AVENUE AC
WINSTON-SALEM 27103 919 765-4021

SHUFORD, FULLER ADAMS GE /IM 011
49 MCDOWELL ST. A AC
ASHEVILLE 28801 704 258-3870

SHUFORD, WILLIAM FERRELL, JR. GE 065
1515 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 763-5182

SHUGART, MARGARET ANN P 032
1713 AVONDALE DR. A R
DURHAM 27701 919 688-9003

SHULER, JIMMIE BLAKE PD 043
518 EAST H STREET AC
PO BOX 687
ERWIN 28339 919 897-8061

SHULL, KENNETH CASTLES GS /CDS 040
P. O. BOX 5229 A AC
HIGH POINT 27262 919 887-3164

SHULL, LONNIE NEWELL, JR. GS 014
401 MULBERRY ST. SW, STE. 101 A AC
LENOIR 28645 704 758-5501

SHULL, WILLIAM HENRY IM 060
1900 RANDOLPH ROAD A
CHARLOTTE 28207 704 376-4836

SHULTZ, KIRKWOOD TANNER IM /END 060
125 BALDWIN AVE. A AC
CHARLOTTE 28204 704 374-1696

SHUMWAY, DAVID LUCIUS EM 064
112 CANDLEWOOD ROAD A AC
ROCKY MOUNT 27804 919 937-6581

SHUPING, JOHN ROSS N 074
425 STANTONSBURG ROAD A AC
GREENVILLE 27834 919 752-4848

SIDES, EVIN HENDERSON, III IM /ID 092
3320 EXECUTIVE DR. AC
RALEIGH 27609 919 876-9688

SIEFKER, JOSEPH DANIEL 032
1605 EDGEVALE RD. A R
DURHAM 27705 919 688-1816

SIEGE, ALFRED GEOFFREY PH /GPM 063
PO BOX 786 A AC
PINEHURST 28374 919 692-8899

SIEKER, HERBERT OTTO IM /A 032
BOX 3822, DUMC A P AC
DURHAM 27710 919 684-3907

SIEWERS, CHRISTIAN FOGLE ORS /PM 026
S.E. REG. REHAB. CTR. A AC
P. O. BOX 2000
FAYETTEVILLE 28302 919 323-6036

SIGMON, JAMES LEWIS, JR. FP 060
P. O. BOX 32861 A AC
CHARLOTTE 28232 704 338-3172

SIGMON, LEE MERRELL PTH /DMP 045
121 TIMBER CREEK ROAD A AC
HENDERSONVILLE 28739 704 693-6522

SIGMON, RICHARD LEE, JR. GE 060
1900 RANDOLPH RD., STE. 910 A AC
CHARLOTTE 28207 704 372-7974

SIKES, THOMAS EDWARD, JR. ORS 013
109 COUNTRY CLUB DR., NE A P AC
CONCORD 28025 704 786-5122

SILBER, DAVID LAWRENCE PD 041
1200 N. ELM STREET A AC
GREENSBORO 27401 919 379-4064

SILBERMAN, HAROLD REITER EM /IM 032
BOX 3975-M, DUMC A AC
DURHAM 27710 919 684-5537

SILLMON, DAVID WILDE IM /HEM 041
1511 WESTOVER TERRACE A AC
GREENSBORO 27408 919 373-0611

SILVER, STEVEN MORRIS OTO 053
1911 K. M. WICKER DR. A P AC
SANFORD 27330 919 774-6829

SILVERMAN, JAN FRANKLIN PTH 074
BRODY, 1F79, ECU SCH. OF MED A AC
GREENVILLE 27834 919 757-4495

SILVERTHORNE, RAY GUILFORD OBG 007
RT. #2, BOX 35 A L/RT
WASHINGTON 27889 919 946-5168

SILVOY, EDWARD JOHN OTO /PS 036
1010 X-RAY DR. A AC
GASTONIA 28054 704 865-7677

SIMEL, PAUL JOSEPH OPH 041
111 W. WENDOVER AVENUE A * AC
GREENSBORO 27401 919 275-5673

SIMMONS, CHARLES NUMA R 012
P. O. BOX 271 A P AC
RUTHERFORD COLLEGE 28671 704 879-9541

SIMMONS, EVERETT CASEY P 074
ECU, DEPT. OF PSYCHIATRY A * AC
GREENVILLE 27834 919 757-2660

SIMMONS, JAMES SLATER FP 053
P. O. BOX 850 A L/RT
SANFORD 27330 919 775-7425

SIMMONS, JIMMIE DALE PH 086
SURRY COUNTY HEALTH DEPT. A * AC
PO BOX 1062
DOBSON 27107 919 374-2131

SIMMONS, RACHE MICHELE 032
311 S. LASALLE ST. APT. 245 A S
DURHAM 27705 919 383-6301

SIMON, JIMMY L. PD 034
BOWMAN GRAY, DEPT. OF PED. AC
WINSTON-SALEM 27103 919 748-4431

SIMONS, WILLIAM JOHN ID /IM 011
445 BILTMORE CENTER, STE. 404 AC
ASHEVILLE 28801 704 258-9635

SIMONSON, DELLA SUE PD /PH 039
MURDOCH CENTER A AC
BUTNER 27509 919 575-7740

SIMONTON, CHARLES ALISON IM /CD 032
BOX 3310, DUMC A R
DURHAM 27710 919 286-0411

SIMPSON, EUGENE MYERS, JR. PD 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

SIMPSON, JOHN LARRY FP 076
132-A W. MILLER STREET A AC
ASHEBORO 27203 919 625-1360

SIMPSON, THOMAS EDWARD GS 034
2827 LYNDHURST AVE., STE 206 AC
WINSTON-SALEM 27103 919 765-9023

SIMS, WILLIAM LEONARD NS 018
420 N. CENTER ST. A P AC
HICKORY 28601 704 324-9609

SIMSTEIN, NEIL LELAND GS /CDS 034
265 GLOUCESTERSHIRE ROAD AC
WINSTON-SALEM 27104 919 768-7500

SINAR, DENNIS ROBERT GE /IM 074
ECU, DEPT. OF GE A AC
GREENVILLE 27834 919 757-4652

SINCLAIR, LOUIS GORDON GS /GYN 092
3309 WHITE OAK ROAD A L/RT
RALEIGH 27609 919 787-9356

SINCLAIR, ROBEY THOMAS, JR. DR 065
5301 WRIGHTSVILLE AVENUE A L/RT
WILMINGTON 28401 919 395-8100

SINCOX, FRANCIS JOHN, JR. FP 023
P. O. BOX 392 A AC
KINGS MOUNTAIN 28086 704 739-3681

SINGER, F. PHILIP G. FP 032
101 E. CORBIN ST. * AC
HILLSBOROUGH 27278 919 732-8131

SINGER, JAMES DANIEL 032
APT. A-8, OLD WELL CONDO A S
CARRBORO 27510 919 968-4482

SINGER, JAMES WILLARD PD 041
1209 MAGNOLIA STREET A AC
GREENSBORO 27401 919 274-0106

SINGER, LAWRENCE ROBERT OBG 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

SINGH, MANMOHAN GS 051
713 NORTH ST. AC
PO BOX 1196
SMITHFIELD 27577 919 934-2616

SINGH, RANBIR ORS 076
542 WHITE OAK STREET A * AC
ASHEBORO 27203 919 629-4171

SINGLETARY, HENRY PATE PTH 065
2131 S. 17TH ST. A P AC
WILMINGTON 28401 919 343-7074

SINGLETARY, WILLIAM VANCE IM 032
306 S. GREGSON STREET A L/RT
DURHAM 27701 919 682-5561

SINGLETARY, WILLIAM VANCE, JR. GE 032
306 S. GREGSON STREET A AC
DURHAM 27701 919 682-5561

SINTHUSEK, CHIRAPA IM /END 034
2728 TUDOR ROAD A P AC
WINSTON-SALEM 27106 919 725-4741

SIPPE, JOSEPH LAWRENCE OPH 060
1350 S. KINGS DRIVE * AC
CHARLOTTE 28207 704 372-8750

SISCOVICK, DAVID STUART IM /PH 032
UNC, DEPT. OF MEDICINE AC
BOX 2,5039 OLD CLI.BLDG.226-H
CHAPEL HILL 27514 919 966-2276

SIVA, SIVALINGAM NS 036
900 COX ROAD A P AC
GASTONIA 28054 704 865-7655

SIY-HIAN, BIENVENIDO CHAN IM /CD 082
603 BEAMAN STREET AC
CLINTON 28328 919 592-1545

SKEEN, WILLIAM WALDO FP 049
417 E. STATESVILLE AVENUE A AC
MOORESVILLE 28115 704 663-3063

SKOWRONEK, DAVID GORDON EM /ORS 080
11 SPICEWOOD LANE A P AC
SALISBURY 28144 704 638-1035

SKRZYNSKI, MARY CLAIRE 032
140 RIDGE TR. A S
CHAPEL HILL 27514 919 929-4113

SLATE, FRANCIS WESLEY GS 034
P. O. BOX 407 A AC
MOCKSVILLE 27028 704 634-6121

SLATE, MARVIN LONGWORTH FP 040
807 PARKWOOD CIRCLE A L/RT
HIGH POINT 27260 919 883-9756

SLATER, DAVID LOWELL PTH 032
317-A WESLEY DR. A R
CHAPEL HILL 27514 919 942-5399

SLATKOFF, MARC LESTER ON /HEM 034
2825 LYNDHURST AVE., STE. 103 A AC
WINSTON-SALEM 27103 919 768-0325

SLAUGHTER, THOMAS FREEMAN 032
BOX 2862, DUMC A S
DURHAM 27710 919 286-9442

SLEDGE, JOHN BURTON, JR. PH 070
P. O. BOX 610 A AC
KILL DEVIL HILLS 27948 919 441-6182

SLIWINSKI, STANLEY FRANCIS,JR. OPH 049
P. O. BOX 1460 AC
STATESVILLE 28677 704 878-2011

SLOAN, ALLEN BARRY GP 049
5150 SHARON ROAD A L/RT
CHARLOTTE 28210 704 553-1670

SLOAN, DAVID BRYAN, JR. OPH 065
1915 GLEN MEADE ROAD A P AC
WILMINGTON 28403 919 763-3601

SLOAN, HENRY LEE, JR. OPH 060
1600 E. THIRD STREET A AC
CHARLOTTE 28204 704 372-3300

SLOAN, JAMES BOYKIN OPH 065
1915 GLEN MEADE ROAD A P * AC
WILMINGTON 28401 919 763-3601

SLOAN, JAMES MARSHALL, III FP 011
942 TUNNEL ROAD A AC
ASHEVILLE 28805 704 298-7972

SLOOP, NORMAN RAY GP 080
310 STATESVILLE BOULEVARD A AC
SALISBURY 28144 704 636-5326

SLOOP, ROBERT F., JR. OPH 098
WILSON CLINIC A AC
WILSON 27893 919 291-7008

SLOTKIN, ROBERT IRVING PD 060
2317 RANDOLPH ROAD AC
CHARLOTTE 28207 704 376-5572

SLOTNICK, LAWRENCE SHELDON PUD /A 041
1018 N. ELM STREET A AC
GREENSBORO 27401 919 275-7238

SLUDER, FLETCHER SUMPTER OBG 011
472 CHUNN'S COVE ROAD A L/RT
ASHEVILLE 28805 704 252-7374

SLUSHER, M. MADISON OPH 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4091

SLYMAN, JAMES FRANCIS OPH 029
12 N. MAIN STREET A P * AC
LEXINGTON 27292 704 243-2436

SMALL, FAIRLEIGH DAVID EM 074
205 W. CHURCH STREET A AC
FARMVILLE 27828 919 757-4461

SMALL, KENT WILSON OPH 032
3775 GUESS ROAD #23 A R
DURHAM 27705 919 684-6611

SMALLEY, ROBERT ROWAN GS 065
5305-F WRIGHTSVILLE AVENUE A P AC
WILMINGTON 28403 919 799-5400

SMALLWOOD, JAMES CLAYTON OBG /IM 050
EASTGATE MEDICAL BUILDING A AC
SYLVA 28779 704 586-2135

SMALTO, GARY PAUL 034
401 S. SUNSET DR. A S
WINSTON-SALEM 27103 919 724-9744

SMEDBERG, GEORGE ANDREW GS 001
719 HERMITAGE ROAD AC
BURLINGTON 27215 919 228-7853

SMELZER, TIMOTHY HARVEY IM /PUD 032
891 W. WILLOW DRIVE AC
CHAPEL HILL 27514 919 942-5123

SMERASKI, PHILIP JOHN P 074
111 PLACID WAY A AC
GREENVILLE 27834 919 757-2660

SMETHIE, WILLIAM MASSIE, SR. GS 004
P. O. BOX 309 A L
WADESBORO 28170 704 694-2316

SMITH, ALLEN DALE D/AM 032
182 MONTROSE A L/RT
DURHAM 27707 919 489-2642

SMITH, BARBARA ANNE 034
607-B S. HAWTHORNE RD. S
WINSTON-SALEM 27103 919 723-7041

SMITH, BERNARD MICHAEL VS 091
VANCE MEDICAL ARTS BLDG. A AC
RUIN CREEK ROAD
HENDERSON 27536 919 438-2070

SMITH, BRYAN WESLEY 032
125 HAMILTON ROAD A S
CHAPEL HILL 27514 919 929-7121

SMITH, CAMERON LANGLEY D 074
1705 W. SIXTH STREET AC
GREENVILLE 27834 919 752-4124

SMITH, CHARLES EDWARD P 032
1812 S. LAKE SHORE DRIVE A AC
CHAPEL HILL 27514 919 966-3376

SMITH, CHARLES GORDON FP /EM 065
118 BEAGLE TRAIL A L/RT
WILMINGTON 28403 919 799-1873

SMITH, CLAIBORNE THWEATT IM 064
100 MEDICAL ARTS MALL A L
ROCKY MOUNT 27801 919 442-2916

SMITH, CLAUDE ALFRED R 034
3155 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 765-2702

SMITH, DALLAS AARON, JR. R 041
4507 KENBRIDGE DRIVE A AC
GREENSBORO 27410 919 854-1311

SMITH, DANIEL RAY 032
P-2 OLD WELL APTS. A S
CARRBORO 27510 919 942-5477

SMITH, DAVID CLARK IM 029
102 WESTOVER DRIVE A L/RT
LEXINGTON 27292 704 246-2929

SMITH, DAVID NIMMONS IM /CD 080
102 MOCKSVILLE AVE., STE. 103 A P * AC
SALISBURY 28144 704 636-6632

SMITH, DAVID TILLERSON PUD 004
GENERAL DELIVERY A L
PAWLEYS ISLAND, SC 29585 919 688-4486

SMITH, DONALD DEWEY PD 041
1200 N. ELM ST. A AC
GREENSBORO 27401 919 379-4025

SMITH, DONALD RAY 074
802-2 WILLOW ST. APTS. A S
GREENVILLE 27834 919 758-6384

SMITH, DOUGLAS GRAHAM 032
127-A TALL OAKS RD. A S
CHAPEL HILL 27514 919 967-2035

SMITH, DUANE HOWARD OBG 097
1018 RIVER ROAD A AC
WILKESBORO 28697 704 667-8241

SMITH, ERASTUS, JR. IM 053
136-A CARBONTON RD. A AC
PO BOX 1768
SANFORD 27330 919 775-5457

SMITH, EUSTACE HENRY FP 006
BOX 190 A AC
CROSSNORE 28616 704 733-9297

SMITH, EVERETT DUANE GP 011
BOX 1030 A AC
CANDLER 28715 704 667-2526

SMITH, HELEN ELIZABETH 032
3312-L CIRCLE BROOK DR. SW A R
ROANOKE, VA 24014 703 772-3071

SMITH, HENRY LOUIS, II PD 060
1700 ABBEY PLACE A * AC
CHARLOTTE 28209 704 523-7232

SMITH, IRA Q. OBG 032
2609-B CARVER ST. AC
DURHAM 27705 919 471-1573

SMITH, JAMES JEFCOAT GP 074
1903 BROOK ROAD A RT
GREENVILLE 27834 919 756-3905

SMITH, JARVIS WILTON GS 001
316 GRAHAM-HOPEDALE RD. AC
BURLINGTON 27215 919 227-3621

SMITH, JAY LELAND, JR. GP 080
P. O. BOX 85 * AC
SPENCER 28159 704 636-8046

SMITH, JOHN BALDWIN, III N/CHN 034
160 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-5834

SMITH, JOHN BRASWELL, JR. FP 082
403 FAIRVIEW STREET AC
CLINTON 28328 919 592-6011

SMITH, JOHN ROBERT, JR. 074
314 ROUNDTREE DR. A S
GREENVILLE 27834 919 758-1821

SMITH, JOSEPH PINKNEY GP 036
1508 S. YORK STREET AC
GASTONIA 28052 704 864-3496

SMITH, LAFAYETTE LYLE IM 040
624 QUAKER LANE, SUITE 213-B A P * AC
HIGH POINT 27262 919 883-4131

SMITH, MICHAEL ALSON FP 032
3600 TREMONT DR., APT. F-1 A S
DURHAM 27705 919 383-4326

SMITH, MICHAEL EARL 074
ROUTE #2, BOX 93 A S
WINTERVILLE 28590 919 756-3960

SMITH, MICHAEL LEE PD /D 034
1412 S. CHAMBERS CIRCLE A R
AURORA, CO 80012

SMITH, NAT ERSKINE IM 034
2900 COUNTRY CLUB ROAD A AC
WINSTON-SALEM 27104 919 748-4524

SMITH, O. NORRIS IM 041
202 W. BESSEMER AVENUE A L/RT
GREENSBORO 27401 919 273-7494

SMITH, PHILIP PALMER OM /IM 065
P. O. BOX 2042 A * AC
WILMINGTON 28402 919 371-4080

SMITH, RICHARD GRANT OTO 067
1400 E. SECOND ST. A AC
DEFIANCE, OH 43512 419 784-1414

SMITH, RICHARD LLOYD GE 011
30 CHOCTAW STREET A P AC
ASHEVILLE 28801 704 254-0881

SMITH, ROBERT CLEMENT IM 006
BOX 248 A AC
BANNER ELK 28604 704 898-5588

SMITH, ROBERT LEE PTH 086
320 ROBIN ROAD A P AC
MOUNT AIRY 27030 919 789-9710

SMITH, ROGER ENOS CD /IM 060
125 BALDWIN AVE. A * AC
CHARLOTTE 28204 704 374-1696

SMITH, RONNIE DALE EM /GP 024
701 E. FIFTH ST. A P AC
TABOR CITY 28463

SMITH, ROY MEADOWS PD 041
1002 RIDGECREST DR. A L/RT
GREENSBORO 27410 919 292-2643

SMITH, RUSSELL LEE IM /GP 034
1030 W. 25TH STREET A L/RT
WINSTON-SALEM 27104 919 723-2188

SMITH, SPENCER MARION 032
206 ALEXANDER ST., APT. E A S
DURHAM 27705 919 684-1502

SMITH, STEPHEN WAYNE IM /CD 092
2800 BLUE RIDGE, STE. 205 AC
RALEIGH 27607 919 782-0414

SMITH, THOMAS WARREN IM 055
P. O. BOX 1510 AC
LINCOLNTON 28092 704 735-6939

SMITH, TIMOTHY CARL IM 064
322 S. FRANKLIN STREET AC
P. O. BOX 4777
ROCKY MOUNT 27803 919 977-6746

SMITH, TINA BROOKS 034
923 CAROLINA AVE. A S
WINSTON-SALEM 27101 919 724-5294

SMITH, TONY PRESTON DR 032
913 DARTMOUTH AVE. A R
MINNEAPOLIS, MN 55414

SMITH, WHITMAN ERSKINE, JR. GS 084
P. O. BOX 1398 AC
ALBEMARLE 28001 704 982-0161

SMITH, WILLIAM SIEGFRIED, JR. GYN 041
104 W. NORTHWOOD STREET A P AC
GREENSBORO 27401 919 378-1843

SMITHWICK, JAMES DAVID PD 083
ROUTE #3, BOX 238-B * AC
LAURINBURG 28352 919 276-7570

SMOLEN, PAUL MATHIEU PD 060
426 ELLSWORTH ROAD AC
CHARLOTTE 28211 704 333-6659

SMOLOWITZ, EDWIN LARRY U 045
8 LAKE DRIVE A P AC
HENDERSONVILLE 28739 704 697-0527

SNEDEKER, JEFFREY DAVID PD /ID 032
BOX 31085, DUMC A R
DURHAM 27710 919 684-6610

SNIDER, BOBBY EUGENE GP 029
206-B W. CENTER STREET AC
LEXINGTON 27292 704 246-4212

SNIPES, RICHARD DEAN OBS 026
P. O. BOX 53514 A AC
FAYETTEVILLE 28305 919 485-1191

SNITZ, ARNOLD IRA PD 060
2711 RANDOLPH ROAD AC
CHARLOTTE 28207 704 332-7141

SNODDY, WILLIAM RAY FP 011
5-F DOCTOR' PARK AC
ASHEVILLE 28801 704 252-8885

SNOWHITE, JENNIFER CELESTE 034
1116 EBERT ST. A * S
WINSTON-SALEM 27103 919 722-8712

SNYDER, ALEXANDER BENJAMIN IM 090
1420 E. FRANKLIN ST. AC
MONROE 28110 704 289-8427

SNYDER, EDWARD SUTTON DR /NM 092
1216 BARCROFT PLACE A P AC
RALEIGH 27609 919 847-1289

SNYDER, JAMES WILLIAM CD /IM 065
1515 DOCTOR'S CIRCLE A AC
WILMINGTON 28401 919 763-5182

SNYDER, JOHN MICHAEL AN 060
R.F.D. #3, BOX 120F A P AC
WAXHAW 28173 704 371-4049

SNYDER, NORMAN IRWIN P/CHP 026
2557 RAVENHILL DR., BLDG. 1 A AC
SUITE A
FAYETTEVILLE 28303 919 484-5151

SNYDER, RALPH EUGENE IM 063
1902-C N. SANDHILLS BLVD. A AC
ABERDEEN 28415 919 692-4011

SOBOL, TODD LOWELL 074
108 S. HARDING STREET A S
GREENVILLE 27834 919 752-7202

SOCKWELL, SAMUEL THOMAS 032
209-C BRANSON ST. A S
CHAPEL HILL 27514 919 933-6668

SODEN, KEVIN JOSEPH OM /EM 060
7019 WHITEMARSH COURT AC
CHARLOTTE 28210 704 554-2656

SODERSTROM, LAWRENCE PAUL DR /NM 036
10230 BALMORAL CIRCLE A AC
CHARLOTTE 28210 704 864-4378

SOFLEY, CARL WILSON, JR. 032
319 KILBOURNE RD. A S
COLUMBIA, SC 29205

SOHMER, MARCUS FRANK, JR. GE /IM 034
1901 S. HAWTHORNE RD., STE. 310 A * AC
WINSTON-SALEM 27103 919 760-4340

SOLOMON, DONALD JEFFREY N 032
1202 MEDICAL CENTER DR. A R
WILMINGTON 28401

SOLTYS, JOHN JOSEPH P/CHP 032
UNC, MEDICAL WING D, 208-H AC
CHAPEL HILL 27514 919 966-5277

SOMERS, WILLIAM ALAN ORS 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 286-1249

SOMERSTEIN, DAVID EUGENE U 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 365-0371

SOMMERVILLE, LEWIS CASS FP 011
1425 PATTON AVENUE A AC
ASHEVILLE 28806 704 254-5385

SONEK, MOJMIR JIRI OBG 034
100 RIDGEVIEW RD. A P AC
MOCKSVILLE 27028 919 634-0051

SONG, JULIET KIM AN 074
PHYSICIAN'S QUADRANGLE A P AC
GREENVILLE 27834 919 752-1433

SOPER, HERBERT ALVA GYN /OBS 034
1901 S. HAWTHORNE RD. STE. 320 A AC
WINSTON-SALEM 27103 919 768-1180

SORIANO, CLINTON REYES CDS 034
HAWTHORNE MEDICAL PLAZA A P AC
1901 S. HAWTHORNE RD.
WINSTON-SALEM 27103 919 765-6277

SORROW, JOHN MITCHELL, JR. IM /CD 032
N. C. MEMORIAL HOSPITAL A AC
CHAPEL HILL 27514 919 962-8336

SOUTH, STEPHEN ALAN 034
BOWMAN GRAY, STUDENT BOX 279 A S
WINSTON-SALEM 27103 919 723-6150

SOUTHWORTH, ALVIN JUDSON OBG 070
1134 N. ROAD STREET AC
ELIZABETH CITY 27909 919 338-0887

SOWDEN, RICHARD GUY U 090
1503 E. FRANKLIN STREET A P AC
MONROE 28110 704 289-5402

SOWERWINE, MARGARET EVA IM 064
P. O. BOX 4777 P AC
ROCKY MOUNT 27803 919 977-6746

SOX, CARL CAUGHMAN GP 051
P. O. BOX 429 A L
KENLY 27542 919 284-4149

SPAETH, WALTER IM 070
1904 RIVERSHORE ROAD A L/RT
ELIZABETH CITY 27909 919 335-7389

SPAIN, ROBERT SPRUILL IM 092
3707 OLD LASSITER MILL ROAD AC
RALEIGH 27609 919 782-2805

SPANGENTHAL, SELWYN PUD 060
1350 S. KINGS DR. AC
CHARLOTTE 28207 704 372-8750

SPANGLER, ERNEST BURTON R 041
DRAWER X-3 A AC
GREENSBORO 27402 919 855-8972

SPANGLER, THOMAS CLAYTON 032
1603 ARTHUR DR. A R
GRAHAM 27253 919 942-1729

SPANGLER, WILLIAM WOEHLING EM 000
25-E COURTNEY SQUARE R
GREENVILLE 27834 919 756-9603

SPARGO, JOHN PRICHARD FP 080
P. O. BOX 278 A P * AC
COOLEEMEE 27014 704 284-2331

SPARLING, PHILIP FREDERICK ID /IM 032
UNC SCHOOL OF MEDICINE AC
CHAPEL HILL 27514 919 966-2536

SPARROW, HARRY WARD IM 041
342 N. ELM STREET A AC
GREENSBORO 27401 919 275-8436

SPARROW, NATHANIEL LOUIS OTO 092
3010 ANDERSON DR. A • AC
PO BOX 18946
RALEIGH 27619 919 787-7171

SPAUGH, EARLE PD /ADL 060
411 N. WENDOVER RD. AC
CHARLOTTE 28211 704 375-9795

SPEES, LYNN BEECHER PD 018
700 FIRST PLAZA AC
1985 TATE BOULEVARD, SE
HICKORY 28601 704 322-2550

SPEISER, STEVEN OREN P 011
P. O. BOX 5534 A AC
ASHEVILLE 28813 704 253-6856

SPENCER, ALLEN GS /GYN 080
820 W. HENDERSON STREET A AC
SALISBURY 28144 704 633-2883

SPENCER, FREDERICK BRUNELL, JR IM 080
820 W. HENDERSON STREET A AC
SALISBURY 28144 704 636-5016

SPENCER, GEORGE MICHAEL 074
3000 GOLDEN RD., CONDO #7 A S
GREENVILLE 27834 919 758-5617

SPENCER, JOHN PAUL ORS 011
111 VICTORIA AT OAKLAND A AC
ASHEVILLE 28801 704 252-7331

SPENCER, RICHARD LEWIS P 034
3309-A HEALY DRIVE AC
WINSTON-SALEM 27103 919 765-6525

SPENCER, ROGER FELIX P/PYA 032
NCMH, 201 SOUTH WING A AC
CHAPEL HILL 27514 919 966-4622

SPENCER, WILLIAM JOSEPH IM /CD 034
2933 MAPLEWOOD AVENUE A • AC
WINSTON-SALEM 27103 919 765-6020

SPENGLER, JOHN ROBERT R 045
PARDEE MEMORIAL HOSPITAL AC
HENDERSONVILLE 28739 704 693-6522

SPEROS, THOMAS LEE FP 007
501 WEST 15TH STREET A AC
WASHINGTON 27889 919 975-2667

SPICER, SAMUEL SHERMAN EM /FP 074
ECU DEPT. OF EMERGENCY MED. A AC
GREENVILLE 27834 919 757-4757

SPIGGLE, JOHN ALEXANDER U 012
500 E. PARKER ROAD A AC
MORGANTON 28655 704 433-5141

SPIGNER, PRESCOTT BUSH, JR. ORS 054
P. O. BOX 1062 AC
KINSTON 28501 919 522-4155

SPIRO, PHILIP MARGET GP 007
P. O. BOX 659 A AC
COLUMBIA 27925 919 796-0689

SPIVEY, BEVERLY JEAN EM /FP 026
150 ROBESON ST. A AC
FAYETTEVILLE 28301 919 483-7400

SPIVEY, DAVID EUGENE, JR. 034
813 SUNSET DR. A S
WINSTON-SALEM 27103 919 748-1943

SPIVEY, DAVID LEE AN 065
1800 EASTWOOD DR. #135 A P AC
WILMINGTON 28403 919 762-4901

SPIVEY, JAMES RICHARD IM 060
1928 RANDOLPH RD. STE. 211 AC
CHARLOTTE 28207 704 377-3439

SPOCK, ALEXANDER PDA /A 032
BOX 2994, DUMC A AC
DURHAM 27710 919 681-3364

SPRAGINS, JOEL FRED GE /IM 023
808 N. SCHENCK STREET A AC
SHELBY 28150 704 482-1482

SPRAGUE, DAVID HUGH AN 032
UNC, DEPT. OF ANES. A P AC
CHAPEL HILL 27514 919 966-3371

SPRINKLE, LAWRENCE TILSON GP 011
BOX 218, 104 N. MAIN ST. A P AC
WEAVERVILLE 28787 704 645-3031

SPRUILL, THOMAS RAYFORD 032
RT. #5, BOX 200 A R
HILLSBOROUGH 27278 919 732-7500

SPRUNT, WM HUTCHINSON, III R/RHU 092
6508 BROOKHOLLOW DR. A AC
RALEIGH 27609 919 787-8199

SPUDIS, EDWARD VERHINES N 034
1900 S. HAWTHORNE RD. STE. 674 A AC
WINSTON-SALEM 27103 919 765-2195

SPURR, CHARLES LEWIS ON /HEM 034
300 S. HAWTHORNE RD. A L
WINSTON-SALEM 27103 919 748-2946

SQUIRES, RAYMOND JAY PTH 011
49 FOREST ROAD AC
ASHEVILLE 28803 704 274-4664

STAAB, EDWARD VINCENT NM /DR 032
410 ELLIOTT ROAD A • AC
CHAPEL HILL 27514 919 966-4400

STABLER, CAREY VASTINE EM /IM 086
NORTHERN HOSP. OF SURRY CO. A AC
MOUNT AIRY 27030 919 789-9541

STACKHOUSE, WILLIAM JAMES IM 096
201 COX BLVD. A AC
GOLDSBORO 27530 919 734-9455

STAFFORD, STEVEN JAMES U 032
UNC,BURNETT-WOMACK 229-H A AC
CHAPEL HILL 27514 919 966-2571

STAFFORD, WILLIE RANSOME, JR. FP /OM 041
948 WALKER AVENUE A P AC
GREENSBORO 27403 919 275-7665

STAHLY, WALTER REX FP 018
24 SECOND AVE., NE AC
HICKORY 28601 704 328-2231

STALHEIM, RODNEY MARTIN IM /CD 014
322 MULBERRY ST., SW A AC
PO BOX 1020
LENOIR 28645 704 758-5544

STALLINGS, DAVEY BINGHAM GP 034
P. O. BOX 69 A AC
RURAL HALL 27045 919 969-9158

STALLINGS, MARTIN WADE PD 023
108 EDGEMONT DR. AC
KINGS MOUNTAIN 28086 704 739-2521

STALLINGS, STEPHEN D., JR. GP 035
ROUTE #2, BOX 109 A AC
ZEBULON 27597 919 269-8802

STALLINGS, THOMAS FRANKLIN PD 007
608 E. 12TH STREET AC
WASHINGTON 27889 919 946-4134

STALLINGS, TOLBERT LACY GS 092
3814 BROWNING PLACE AC
RALEIGH 27609 919 781-0710

STALLWORTH, WILLIAM KING OBG 060
2711 RANDOLPH ROAD, STE. 305 A AC
CHARLOTTE 28207 704 372-8020

STAMEY, CHARLES CLAUD PD 034
3000 BETHESDA PL. #501 AC
WINSTON-SALEM 27103 919 768-6830

STANDISH, MYLES 034
809 GALES AVE. A S
WINSTON-SALEM 27103 919 725-6971

STANFORD, EDWARD JOSEPH 034
1935 GASTON ST. A • S
WINSTON-SALEM 27103

STANFORTH, ALA CAMERON 074
1108 E. 10TH ST., APT. A-3 S
GREENVILLE 27858 919 758-0053

STANKUS, PAUL VICTOR AN 032
7 LITCHFORD ROAD A P AC
CHAPEL HILL 27514 919 967-5295

STANLEY, COVIA LEVANCE OBG 024
801-E POWELL BLVD. A AC
WHITEVILLE 28472 919 642-6022

STANLEY, FRANKIE EDWARD 074
2410-B E. THIRD ST. A S
GREENVILLE 27834 919 752-6172

STANLEY, KARL HARVEY, JR. GP 024
P. O. BOX 512 A AC
WHITEVILLE 28472 919 642-5888

STANLEY, RONALD JAY D 095
204 DOCTORS DRIVE P AC
BOONE 28607 704 264-4553

STANLEY, SHERBURN MOORE OM 011
ROUTE #1, BOX 5 A L/RT
TODD 28684 704 264-4274

STANSBERRY, HOWARD ARTHUR IM /EM 032
14 PRESTWICK A AC
DURHAM 27705

STANTON, ALLIE MCLEOD GS 007
DRAWER 925 A L/RT
PLYMOUTH 27962 919 793-4125

STANTON, EDWARD SPIRES GS 053
1816 DOCTORS DR. A AC
P. O. BOX 1169
SANFORD 27330 919 775-7146

STAPLETON, SYDNEY SCOTT OPH 026
101 ROBESON ST., STE. 407 A AC
FAYETTEVILLE 28301 919 483-2117

STAREK, PETER JOSEF KARL TS /GS 032
UNC, DIV. OF CARDIO-SURGERY A AC
CHAPEL HILL 27514 919 966-3381

STARK, MERITT WILLIAM PD /PH 032
1606 SYCAMORE ST. A AC
DURHAM 27707 919 489-3589

STARK, THOMAS HALL GYN 036
603 COX ROAD AC
GASTONIA 28054 704 866-0111

STARR, HENRY FRANK, JR. OM 041
3106 ALAMANCE RD. A AC
GREENSBORO 27407 919 299-4305

STAUB, ERNEST WILSON TS /CDS 063
PINEHURST SURGICAL CLINIC A P AC
PINEHURST 28374 919 295-2544

STEAD, EUGENE ANSON, JR. IM /CD 039
ROUTE #1, BOX 194 A P L
BULLOCK 27507 919 684-6587

STEAGALL, ROBERT WORTH, JR. D 060
6434 SARDIS ROAD A RT
CHARLOTTE 28226 704 364-1050

STEEL, JOHN GRIFFITH N 074
425 STANTONSBURG ROAD AC
GREENVILLE 27834 919 752-4848

STEELE, ROBERT GIBSON ORS 080
400 MOCKSVILLE AVENUE A P AC
SALISBURY 28144 704 633-6442

STEELE, WALTER FRANKLIN GS /TS 012
VALDESE GENERAL HOSPITAL AC
VALDESE 28690 704 874-3160

STEFFES, BRUCE CARL GS 026
1790 METROMEDICAL DR. AC
FAYETTEVILLE 28304 919 323-2626

STEGALL, JOHN THOMAS FP 049
310 DAVIE AVENUE L/RT
STATESVILLE 28677 704 873-3269

STEIGER, HOWARD PAUL D 060
1600 E. FIFTH STREET A L
CHARLOTTE 28204 704 376-1523

STEIMEL, HERBERT ANTON EM 080
121 WELLINGTON DRIVE AC
SALISBURY 28144 704 638-1035

STEIN, JEANNETTE FISCHER IM 032
1301 FAYETTEVILLE ST. AC
DURHAM 27707 919 683-1316

STEINER, BEAT DANIEL 032
102 KELLY COURT A S
CHAPEL HILL 27514 919 933-0508

STEINER, MICHAEL LEE OPH 064
3044 SUNSET AVE., STE. 100 AC
ROCKY MOUNT 27801 919 443-6129

STEINFELD, JOHN ROBERT DR 011
P. O. BOX 2959 A AC
ASHEVILLE 28802 704 254-4617

STEININGER, WILBUR JAMES PUD /IM 047
2625 E. SOUTHERN AVE. C140 A AC
TEMPE, AZ 85282 602 831-3797

STEINMAN, MARK EDWARD EM /GP 026
3412 RAMSEY STREET A AC
FAYETTEVILLE 28301 919 822-2348

STEKLOFF, SHELDON HARVEY AN 064
3741 SUNSET AVE. APT. A-1 A AC
ROCKY MOUNT 27801 919 937-4284

STELLA, JOHN PHILIP R 070
1507 RIVERSHORE RD. AC
ELIZABETH CITY 27909 919 335-2652

STEM, THEODORE B., JR. IM /NEP 000
4329 MCKEE DRIVE R
PITTSBURGH, PA 15236 412 885-5448

STEPHENS, FREEMAN IRBY IM 011
54 SUNSET PARKWAY A L/RT
ASHEVILLE 28801 704 253-8178

STEPHENS, JAMES EDWARD GP 020
P. O. BOX 516 A AC
ROBBINSVILLE 28771 704 479-3392

STEPHENS, JOSEPH ARTHUR GYN 032
2609 N. DUKE ST., STE. 102 A AC
DURHAM 27704 919 477-2183

STEPHENS, KATHRYN JOHNSON OBG 060
1012 KINGS DR., STE. 624 A AC
CHARLOTTE 28283 704 372-6201

STEPHENSON, ANNE ELIZABETH 034
725 GALES AVE. #B A S
WINSTON-SALEM 27103 919 748-1783

STEPHENSON, BENNETTE EDWARD GP 066
P. O. BOX 348 A L/RT
RICH SQUARE 27869 919 539-2343

STEPHENSON, HALE HAMPTON 074
ECU SCHOOL OF MEDICINE A S
STUDENT
GREENVILLE 27834 919 830-0748

STEPHENSON, HENRY LOUIS, JR. IM /CD 007
615 E. 12TH STREET AC
WASHINGTON 27889 919 946-2101

STEPHENSON, JOHN HADDON 032
500 UMSTEAD RD. 201-E A S
CHAPEL HILL 27514 919 968-8134

STEPP, HESTLEY DANARD PD 029
200 ARTHUR DRIVE A AC
THOMASVILLE 27360 919 475-2348

STERCHI, JOHN MICHAEL ON /GS 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-4276

STERNER, DAVID CHARLES GS /OBG 034
3487 TANGLEBROOK TR. A S
CLEMMONS 27012 919 766-6117

STETLER, ROBERT HOWARD GS 034
P. O. BOX 407 A AC
MOCKSVILLE 27028 919 634-6121

STETSON, MARGARET ANN FP /EM 032
ROUTE #3, BOX 429 AC
HILLSBOROUGH 27278 919 682-3374

STEUTERMAN, MARY CHRISTINE PTH 041
1200 N. ELM ST. A AC
GREENSBORO 27401 919 379-4074

STEVENS, ELLIOTT WALKER, JR. PUD /AI 041
1018 N. ELM STREET A AC
GREENSBORO 27401 919 275-7238

STEVENS, HUGH L. C. IM /GE 044
1600 N. MAIN STREET AC
WAYNESVILLE 28786 704 452-5124

STEVENS, JAMES ROMER 074
100 CLUBWAY DR. #34 A S
GREENVILLE 27834 919 758-6228

STEVENS, JOSEPH BLACKBURN IM /N 041
102 IRVING PARK CT. A L
GREENSBORO 27408 919 272-7292

STEVENS, WILLIAM ROSS 032
3903 NEAL RD., APT. #4 A S
DURHAM 27705 919 383-2073

STEVENSON, JOHN SAMUEL R/NM 077
926 BIGGS BOULEVARD A P AC
ROCKINGHAM 28379 919 997-2595

STEVENSON, KARL CHP /P 032
2609 N. DUKE ST., STE. 103 A AC
DURHAM 27704 919 471-3487

STEVENSON, ROBERT MCL. R 049
743 SPRINGDALE RD., EAST A AC
STATESVILLE 28677 704 872-4306

STEWART, ALBERT, JR. IM 026
114 BROADFOOT AVENUE A AC
FAYETTEVILLE 28305 919 484-3365

STEWART, ANGELA GRACE PD 074
225 PEARL DRIVE AC
GREENVILLE 27834 919 747-2817

STEWART, DANIEL NIVEN,JR. FP 018
14 THIRD AVENUE, N.E. A L
HICKORY 28601 704 328-1212

STEWART, DAVID DUBOSE IM 026
114 BROADFOOT AVE. AC
FAYETTEVILLE 28305 919 484-3365

STEWART, DOUGLAS WAYNE IM /NEP 018
516 LAURELWOOD CIRCLE, SE A AC
PO BOX 1020
LENOIR 28645 704 758-5544

STEWART, FRANCIS ASBURY FP 090
102 E. MARSHVILLE BLVD. A P AC
MARSHVILLE 28103 704 624-5889

STEWART, GEORGE TERRY OBG 065
2215 CANTERWOOD DRIVE AC
WILMINGTON 28401 919 343-1031

STEWART, JOHN REAGAN OTO /OPH 049
515 WALNUT ST. A L
STATESVILLE 28677 704 873-6376

STEWART, ROBERT DOUGLAS IM 032
1901 HILLANDALE ROAD AC
DURHAM 27705 919 383-1518

STEWART, RONALD CLEVELAND PS /HS 034
2901 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 765-8620

STEWART, ROY ALLEN OPH 018
P. O. BOX 970 A L
NEWTON 28658 704 464-0982

STEWART, WILLIAM LEE PD 063
195 W. ILLINOIS AVE. A AC
SOUTHERN PINES 28387 919 692-2444

STICKEL, DELFORD LEFEW GS 032
BOX 3917, DUMC A AC
DURHAM 27710 919 684-6129

STIEFEL, JOSEPH WALTER N 041
1910 N. CHURCH ST. A AC
GREENSBORO 27405 919 273-2511

STILES, EDDIE PHILLIPS FP 092
BOX A AC
APEX 27502 919 362-7353

STINES, ERNEST HARRISON FP 044
MIDWAY MEDICAL CENTER AC
CANTON 28716 704 627-2211

STINSON, HELEN MARIE PS 041
1219 MAGNOLIA STREET AC
GREENSBORO 27401 919 272-3169

STIRMAN, JERRY ARCHIBALD, JR. GS /TS 092
1101 DRESSER COURT AC
RALEIGH 27609 919 876-2010

STITT, VAN JUNIUS, JR. FP 026
1601 OWEN DRIVE A AC
FAYETTEVILLE 28304 919 323-1152

STOCKDALE, WAYNE HARROP EM /GS 096
WAYNE MEMORIAL HOSPITAL AC
GOLDSBORO 27530 919 736-1110

STOCKS, LEWIS HENRY, III GS /TS 092
1108 DRESSER COURT AC
RALEIGH 27609 919 876-2010

STOCKS, ROSE MARY SUTTON 074
211 CHURCHILL DR. A S
GREENVILLE 27834 919 758-5864

STOKES, THOMAS ANGIER, JR. GYN 032
2609 N. DUKE ST., STE. 102 A AC
DURHAM 27704 919 477-2183

STONE, GRADY MITCHELL IM 040
1504 TRAFALGAR COURT A P AC
HIGH POINT 27262 919 883-4131

STONE, HARRY BENJAMIN, III OTO 025
701 PROFESSIONAL DR. A AC
PO BOX 2406
NEW BERN 28560 919 638-2666

STONE, LISA MARIE 032
818 N. BUCHANAN BLVD. A S
DURHAM 27701 919 286-2377

STONE, PERRY GALE PD 034
DALTON ROAD, P. O. BOX 426 AC
KING 27021 919 983-2531

STONE, ROBERT THOMAS OTO 098
1704 S. TARBORO STREET A AC
WILSON 27893 919 291-7001

STONEBURNER, RICHARD GRESHAM GS 001
MEDICAL VILLAGE AC
BURLINGTON 27215 919 226-0400

STONEROCK, GRACE JANINE 034
1641-E NORTHWEST BLVD. A S
WINSTON-SALEM 27104 919 724-5446

STOPFORD, WOODHALL OM /IM 032
BOX 2914, DUMC A AC
DURHAM 27710 919 684-6677

STORY, LLOYD JERRELL IM /CD 034
STE. 260, HAWTHORNE MED. PL. A AC
1901 S. HAWTHORNE RD.
WINSTON-SALEM 27103 919 768-4460

STORY, STRATTON ROWLAND OTO 051
P. O. BOX 346 A AC
SMITHFIELD 27577 919 934-4355

STORY, WILLIAM AUGUSTUS R/IM 023
201 GROVER STREET A P AC
SHELBY 28150 704 487-0003

STORY, WILLIAM ROBERT U 060
1012 KINGS DRIVE A AC
CHARLOTTE 28283 704 334-6449

STOTKA, VICTOR LEONARD OM /IM 013
2640 SUNNYFIELD DR. A AC
UPPER ST. CLAIR, PA 15241 412 469-9638

STOUT, CHARLES WALTER FP 076
1533 N. FAYETTEVILLE STREET A AC
ASHEBORO 27203 919 672-0415

STOUT, JAMES STEVENS OM /EM 045
E.I. DUPONT DENEMOURS, INC. A AC
BREVARD 28712 704 885-5349

STOUT, ROBERT GREGROY 034
601 MILLER STREET A S
WINSTON-SALEM 27103 919 723-9141

STOUT, WILLIAM ALLEN FP 024
P. O. BOX 675 A P AC
TABOR CITY 28463 919 653-2112

STOVER, JOHN OLIVER, JR. DR /NM 064
P. O. BOX 42 P AC
RED OAK 27868 919 443-8083

STOWE, FRED REECE, JR. N/CHN 026
3314 MELROSE RD., STE. 102 A AC
FAYETTEVILLE 28304 919 484-7405

STOWE, G. CLEVELAND OPH 060
1600 E. THIRD ST. A AC
CHARLOTTE 28204 704 372-3300

STRADER, EUGENE RAY FP 029
901 E. CENTER STREET A AC
LEXINGTON 27292 704 249-1200

STRADER, HUNTER GORDON, JR. FP 029
2 CHERRY STREET A P AC
LEXINGTON 27292 704 249-9626

STRAIN, BRIAN MCCULLOUGH GS 023
ROANOKE MEMORIAL HOSPITAL A R
ROANOKE, VA 24014 703 951-7000

STRATAS, BYRON ARISTOTLE 074
P. O. BOX 8132 A S
GREENVILLE 27834 919 355-6756

STRATAS, NICHOLAS EMANUEL P/HYP 092
3900 BROWNING PL., STE. 201 A P AC
RALEIGH 27609 919 787-7125

STRATTON, IDA JANICE DEAS PD /PH 032
414 E. MAIN ST. AC
DURHAM 27701 919 682-8176

STRATTON, JAMES DAVID OPH 060
5150 SHARON ROAD A P L/RT
CHARLOTTE 28210 704 554-7176

STRATTON, JOHN PERLEY IM /HEM 032
2609 N. DUKE ST., STE. 304 AC
DURHAM 27704 919 471-8446

STRAUSBAUCH, PAUL HENRY PTH 074
1717 MORNINGSIDE PLACE A AC
GREENVILLE 27834 919 757-2809

STRAWCUTTER, HOWARD E. U 078
101 W. 27TH STREET A * AC
LUMBERTON 28358 919 738-7166

STRECK, CHRISTIAN JOHN GS 041
311 W. WENDOVER AVE. A AC
GREENSBORO 27408 919 275-8415

STREET, MURDO EUGENE, JR. FP 063
P. O. BOX 38 A L
GLENDON 27251 919 464-5315

STREETER, CHARLES TRUMAN FP 036
222 WOODRIDGE DR. A P AC
BELMONT 28012 704 825-4426

STREETER, GREGORY DEAN FP /DIA 067
200 DOCTOR'S DR. SUITE H AC
JACKSONVILLE 28540 919 353-0565

STRICKLAND, JAMES DONALD EM 001
97B DENISE DRIVE A AC
BURLINGTON 27215 919 228-0768

STRICKLAND, NIGEL JOHN DR 096
2700 MEDICAL OFFICE PLACE A AC
GOLDSBORO 27530 919 734-1866

STRICKLAND, WILLIAM HERMAN,JR. FP 045
510 FLEMING STREET AC
HENDERSONVILLE 28739 704 692-8410

STRINGER, LLEWELLYN WINN PUD 034
1728 S. HAWTHORNE ROAD AC
WINSTON-SALEM 27103 919 765-7517

STRINGFIELD, JAMES KING FP 044
P. O. BOX 900 A AC
WAYNESVILLE 28786 704 456-3222

STRINGFIELD, JOHN WILLIAM FP 044
102 BROWN AVENUE AC
HAZELWOOD 28738 704 456-6021

STRINGFIELD, JUDITH SHIMER FP 044
102 BROWN AVENUE AC
HAZELWOOD 28738 704 456-6021

STROHL, DURGA 032
BOX 2784, DUMC A S
DURHAM 27710 919 489-3886

STROPE, GERALD LELAND PD /PUD 032
UNC, 635 CLINICAL SCI. BLDG. AC
CHAPEL HILL 27514 919 966-1055

STROUP, T. SCOTT 032
A-1 OAK TERRACE APTS. A S
CHAPEL HILL 27514

STROUPE, ALBERTUS ULA, JR. GP 036
157 OAKLAND STREET A L/RT
MOUNT HOLLY 28120 704 827-4863

STRYKER, JOANNE CAROL 074
E-5 DOCTOR'S PARK A S
GREENVILLE 27834 919 752-6182

STUART, HAL MARTIN FP 086
180-C PARKWOOD DRIVE A P AC
ELKIN 28621 919 835-3613

STUART, JOHN JAMES HEM 034
3635 STIMPSON DRIVE A AC
PFAFFTOWN 27040 919 748-4506

STUBBS, ALLSTON JULIUS U 034
7932 LYNDHURST AVENUE A * AC
WINSTON-SALEM 27103 919 765-4021

STUBER, ROBERT LEO PTH /DMP 063
MOORE MEMORIAL HOSPITAL A P AC
PINEHURST 28374 919 295-7135

STUCKEY, CHARLES LEGRAND IM 060
1515 ELIZABETH AVENUE A P AC
CHARLOTTE 28204 704 333-1116

STUCKEY, HENRY JEFFERSON IM /CD 060
2711 RANDOLPH RD., STE. 601 AC
CHARLOTTE 28207 704 333-1191

†STULL, EVELYN LOUISE PUD /IM 047
355 PEACH STREET AC
DECEASED -- 5-14-86
PINEBLUFF 28373 919 281-3236

STULLKEN, EDWARD HENRY, JR. AN /EM 034
BOWMAN GRAY, DEPT. OF ANES. A AC
WINSTON-SALEM 27103 919 727-4498

STYRON, CHARLES WOODROW IM /DIA 092
615 ST. MARY'S STREET A L
RALEIGH 27605 919 828-7773

SUE, SAMUEL ARTHUR, JR. ORS 041
315 W. WENDOVER AVENUE A AC
GREENSBORO 27408 919 275-0724

SUGARMAN, JEREMY 032
28 JUSTIN CT. A S
DURHAM 27705 919 477-9435

SUGG, WILLIAM CASWELL, JR. IM /PUD 060
2711 RANDOLPH ROAD, SUITE 100 A AC
CHARLOTTE 28207 704 373-0700

SUGG, WILLIAM CUNNINGHAM IM 034
2240 CLOVERDALE AVE., STE. 220 A AC
WINSTON-SALEM 27103 919 723-4402

SUGIOKA, KENNETH AN 032
RT. #7, BAYBERRY DR. L/RT
CHAPEL HILL 27514 919 933-0487

SUGIOKA, MARY HINTERNHOFF PD 032
CCSDL, BSRC 220-H A AC
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514 919 966-5171

SUH, SANG HYON GS 012
P. O. BOX 266 A P AC
MORGANTON 28655 704 433-2235

SUITER, THOMAS B., JR. IM 064
100 NASH MEDICAL ARTS MALL AC
ROCKY MOUNT 27801 919 443-9084

SULLIVAN, DANIEL JAMES IM /OM 041
1601 PEBBLE DR. A AC
GREENSBORO 27410 919 855-1415

SULLIVAN, RAYMOND C., JR. IM /AM 041
1511 WESTOVER TERRACE AC
GREENSBORO 27408 919 378-1461

SULLIVAN, ROBERT JOSEPH, JR. IM /FP 032
294 HIGHVIEW DRIVE A AC
CHAPEL HILL 27514 919 684-6721

SULLIVAN, WILLIAM GREGORY GS 092
3400 EXECUTIVE DR., STE. 104 A AC
P. O. BOX 17200
RALEIGH 27619 919 876-2732

SUMMERLIN, ARTHUR ROGERS OBG 092
2800 BLUE RIDGE BLVD. #401 AC
RALEIGH 27607 919 781-5504

SUMMERLIN, HARRY HOLLER, JR. FP 011
944 TUNNEL ROAD A P * AC
ASHEVILLE 28805 704 298-3090

SUMMERLIN, HARRY HOLLER, SR. FP 083
P. O. BOX 506 A L
LAURINBURG 28352 919 276-3300

SUMMERLIN, ROBERT LEE FP 009
DUBLIN CLINIC A AC
DUBLIN 28332 919 862-3528

SUMMERS, FRED DAVIDSON, JR. OBG 032
ROUTE #1, BOX 181 A RT
CHAPEL HILL 27514 919 929-2158

SUMNER, BRIAN MONTGOMERY 032
218 CEDARWOOD LANE A S
CARRBORO 27510 919 967-6473

SUMNER, ROBERT GRIST IM /CD 013
68 LAKE CONCORD ROAD, N.E. A P AC
CONCORD 28025 704 782-3135

SUMNER, THOMAS EDWARD PDR /PD 034
BOWMAN GRAY, DEPT. OF RAD. AC
WINSTON-SALEM 27103 919 748-4316

SUMPIO, BERNARDO D. EM /IM 082
209 FOX LAKE DRIVE A AC
CLINTON 28328 919 592-8847

SUMPTER, EDWIN ALLEN PD 042
BOX 848 AC
WELDON 27890 919 536-2557

SUNDBERG, THOMAS CLARKE RHU 060
1335 ROMANY ROAD AC
CHARLOTTE 28204 704 375-1719

SUNDER, THEODORE RALPH CHN /N 074
ECU DEPT. OF PEDIATRICS A AC
GREENVILLE 27834 919 757-4905

SUNDERMAN, MICHAEL ROBERT FP 098
P. O. BOX 310 A AC
STANTONSBURG 27883 919 238-2101

SUPIK, LAWRENCE FRANCIS 074
206-B LINDBETH DR. A S
GREENVILLE 27834 919 756-0309

SURAL, RONALD FRANK U 041
1006 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 373-8323

SURRATT, JOHN PEELER D 082
603 BEAMON ST. A AC
CLINTON 28328 919 592-5583

SURRATT, ROBERT WALTER IM 013
56 ARDSLEY AVENUE, N.E. A * AC
CONCORD 28025 704 782-1101

SUTHER, THOMAS CORNELIUS, JR. P/GP 063
P. O. BOX 1107 AC
PINEHURST 28374 919 673-8641

SUTTLE, EVELYN AMY PD 029
244 FAIRVIEW DRIVE P AC
LEXINGTON 27292 704 246-4333

SUTTON, EDWARD COLMERY GYN 001
1616 MEMORIAL DRIVE AC
BURLINGTON 27215 919 227-7446

SUTTON, HOMER GEORGE FP 034
3722 REYNOLDA ROAD AC
WINSTON-SALEM 27106 919 924-2900

SUTTON, JULIAN T. GS /FP 064
DRAWER 100 A AC
SCOTLAND NECK 27874 919 826-3143

SUTTON, RICHARD LORING EM 060
5040 KIMBLEWYCK LANE AC
CHARLOTTE 28226 704 365-3076

SUTTON, SYLVIA 032
H-5 TARHEEL MANOR A S
CARRBORO 27510 919 929-7746

SUTTON, WILLIAM WAYNE FP 031
337 N. NORWOOD STREET AC
WALLACE 28466 919 285-2111

SUVILLAGA, VICTOR IVAN FP /EM 065
5536 EAGLE NEST DR. A R
WILMINGTON 28403 919 395-6273

SVENSON, ROBERT HAROLD CD /IM 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1503

SWAIM, LINDIAN JOSEPH, JR. OBG 092
2500 BLUE RIDGE RD., STE. 219 A AC
RALEIGH 27607 919 782-1273

SWAN, BILL JOE AN 013
776 WILLIAMSBURG DRIVE A AC
CONCORD 28025 704 782-7638

SWANEY, PAUL EUGENE GS 080
310 STATESVILLE BLVD. AC
SALISBURY 28144 704 876-3007

SWANTON, MARGARET CATHERINE PTH 082
P. O. BOX 1089 A P AC
CLINTON 28328 919 592-8511

SWEENEY, CHARLES H. ATKINSON OBG 032
504 THE OAKS A R
CHAPEL HILL 27514 919 967-2503

SWEENEY, CHARLES LESLIE, JR. FP 092
P. O. BOX 17263 AC
RALEIGH 27619 919 787-5211

SWETENBURG, RAYMOND LEE, JR. PD 060
2711 RANDOLPH ROAD AC
CHARLOTTE 28207 704 374-1736

SWIFT, MICHAEL RONALD IM 032
NCMH, BSRC 220-H AC
CHAPEL HILL 27514 919 966-2266

SWIFT, RONNIE GORMAN P 032
ROUTE #7, BOX 284 AC
CHAPEL HILL 27514 919 933-5857

SWING, DONALD CRAVER, JR. 074
213 STAFFORDSHIRE DR. A S
GREENVILLE 27834 919 830-0748

SWOFFORD, JOEL HOWARD 034
1500 ARDSLEY ST. APT. J A S
WINSTON-SALEM 27103 919 723-9174

SYDNOR, CHARLES FORD OPH 001
1214 VAUGHN ROAD A AC
BURLINGTON 27215 919 228-0254

SYKES, CHARLES LOUIS FP /IM 086
P. O. BOX 590 A L
MOUNT AIRY 27030 919 786-6105

SYKES, CHARLIE LOUIS, JR. IM 095
250 DOCTORS DRIVE AC
BOONE 28607 704 264-6362

SYKES, KASSELL EUGENE, JR. 032
306 ESTES DR., APT. G-11 A * S
CARRBORO 27510 919 942-8492

SYKES, LISA CAROL 032
204-A HOWELL ST. A S
CHAPEL HILL 27514 919 968-4727

SYPHER, ROBERT V., JR. HS /ORS 041
409-E PARKWAY DR. A P AC
GREENSBORO 27401 919 378-0811

TABOR, CHARLES GORDON IM /EM 034
1360 PINEBLUFF ROAD AC
WINSTON-SALEM 27103 919 765-9074

TACKETT, AMOS DARRELL GS 065
1414 MEDICAL CENTER DRIVE A AC
WILMINGTON 28401 919 763-7363

TAFT, CHARLES VAN ORS 034
1425 PLAZA DR., BOX 25007 AC
WINSTON-SALEM 27114 919 768-1270

TAFT, RICHARD CHESSON OBG 074
101 BETHESDA DRIVE A AC
GREENVILLE 27834 919 758-4181

TAFT, TIMOTHY NED ORS 032
UNC, DIV. OF ORS A AC
CHAPEL HILL 27514 919 966-2039

TAJ-ELDIN, ADNAN IM /A 067
200 DOCTOR'S DR. STE. I AC
JACKSONVILLE 28540 919 353-6327

TALBERT, LUTHER MARCUS OBG /END 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-5438

TALTON, INGEBORG HILDEBRAND AN 032
2725 MONTGOMERY ST. A AC
DURHAM 27705 919 684-3591

TAMISIEA, J. RICHARD CD /IM 065
1202 MEDICAL CENTER DRIVE AC
WILMINGTON 28401 919 341-3301

TAN, RICARDO MIJARES GS /ABS 065
2301 DELANEY AVENUE A AC
WILMINGTON 28403 919 763-0159

TANNEHILL, JOHN FRANKLIN OTO /HNS 044
120 HOSPITAL DRIVE A * AC
CLYDE 28721 704 452-1406

TANNEHILL, ROBERT BRUCE PD 080
720 GROVE STREET AC
SALISBURY 28144 704 636-5576

TANNENBAUM, SIGMUND IAN U 041
1904 N. CHURCH STREET A P AC
GREENSBORO 27405 919 274-1114

TANNER, KENNETH SPENCER, JR. GS 081
RUTHERFORD HOSPITAL A L
RUTHERFORDTON 28139 704 286-9036

TARA, CHARLES SAMUEL OPH 034
1702 S. HAWTHORNE ROAD A P AC
WINSTON-SALEM 27103 919 768-4140

TARLETON, HAROLD LEWIS FP /EM 063
PO BOX 649 A AC
WEST END 27376 919 673-2403

TARRY, WALLACE CLEMENTS 032
208 E. KNOX ST. A S
DURHAM 27702 919 693-3223

TARRY, WILLIAM BURWELL, JR. FP 039
104 NEW COLLEGE STREET A AC
OXFORD 27565 919 693-8126

TART, DAVID E. D/IM 018
24 SECOND AVENUE, N.E. A * AC
HICKORY 28601 704 328-6185

TART, JAMES ALVIN CD /IM 063
PINEHURST MED. CLINIC A AC
205 PAGE ROAD
PINEHURST 28374 919 295-5511

TART, JAMES MILTON, JR. OBG 060
1955 RANDOLPH ROAD P AC
CHARLOTTE 28207 704 376-3536

TASHJIAN, LOUISE SOPHIE ID 041
1200 N. ELM ST. AC
GREENSBORO 27401 919 379-4062

TATE, ALLEN DENNY, JR. FP 001
1610 VAUGHN ROAD AC
BURLINGTON 27215 919 226-4471

TATE, DAVID HARRISON PD 034
3175 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 768-7030

TATE, GEORGE WHALEY, JR. OPH 063
2170 MIDLAND ROAD A P AC
SOUTHERN PINES 28387 919 295-2100

TATE, WILLIAM CUMMINGS, II GS 006
P. O. BOX 68 A AC
BANNER ELK 28604 704 898-4221

TATUM, BEN SULLIVAN OBG 083
P. O. BOX 1599 A AC
LAURINBURG 28352 919 276-4432

TAUBER, STUART DAVIS END 011
29 RAVENSCROFT DRIVE A AC
ASHEVILLE 28801 704 258-2404

TAYLOE, DAVID THOMAS PD 007
608 E. 12TH STREET AC
WASHINGTON 27889 919 946-4134

TAYLOE, DAVID THOMAS, JR. PD 096
2706 MEDICAL OFFICE PLACE * AC
GOLDSBORO 27530 919 734-4736

TAYLOE, JOHN COTTEN, JR. ORS 025
P. O. DRAWER 2604 P AC
NEW BERN 28560 919 633-1635

TAYLOE, JOSHUA OBG 007
614 E. 12TH STREET A P AC
WASHINGTON 27889 919 946-6544

TAYLOR, ALLEN R 074
1711 W. 6TH ST. A P AC
GREENVILLE 27834 919 752-5000

TAYLOR, ANDREW DUVAL A 060
2610 SELWYN AVENUE A L/RT
CHARLOTTE 28209 704 334-2397

TAYLOR, BLUCHER EHRINGHAUS OBG 034
2909 LYNDHURST AVENUE A AC
WINSTON-SALEM 27103 919 765-5470

TAYLOR, BRITTON EDGAR OBG 065
2215 CANTERWOOD DRIVE AC
WILMINGTON 28401 919 343-1031

TAYLOR, CATHERINE ANNE CHP /PD 032
NCMH, DIV. OF CHILD PSY. A AC
CHAPEL HILL 27514 919 966-2166

TAYLOR, DAVID HOWARTH IM 070
1142 N. ROAD ST. A AC
ELIZABETH CITY 27909 919 338-4101

TAYLOR, EVERETTE LESTER, JR. /FP 023
P. O. BOX 129 A
SPARTA 28675 704 487-3134

TAYLOR, FREDERICK HARVEY TS /CDS 060
1900 RANDOLPH RD., STE. 206 A AC
CHARLOTTE 28207 704 372-1306

TAYLOR, JAMES EDWARD U 036
631 COX ROAD A AC
GASTONIA 28052 704 867-4896

TAYLOR, JAMES VAN, III FP 098
1704 S. TARBORO STREET A AC
WILSON 27893 919 291-7001

TAYLOR, JEFFREY SCOTT OPH 098
1704 S. TARBORO ST. A AC
WILSON 27893 919 291-7001

TAYLOR, JENNIFER ELAINE AN 032
BOX 3061, DUMC A AC
DURHAM 27710 919 684-2945

TAYLOR, JERRY JURGEN 074
2402-B E. THIRD ST. A S
GREENVILLE 27834 919 562-5174

TAYLOR, JIMMY LYNN FP 090
BOX 989 A AC
MONROE 28110 704 283-1521

TAYLOR, JOHN BRUCE OBG 060
449 N. WENDOVER RD. A AC
CHARLOTTE 28211 704 376-0360

TAYLOR, JULIAN RALEIGH FP 008
MEDICAL ARTS CENTER AC
AHOSKIE 27910 919 332-3548

TAYLOR, MARSHALL CARNEY DR 007
608 E. 12TH STREET A AC
WASHINGTON 27889 919 946-2137

TAYLOR, MARY ANN HAMPTON FP 034
4450 GREEN MEADOWS AC
WINSTON-SALEM 27106 919 761-5218

TAYLOR, MICHAEL ALAN PD 092
4505 FAIR MEADOWS LN.STE. 101 AC
RALEIGH 27607 919 787-5495

TAYLOR, RICHARD ALLEN PD 090
901 OAK FOREST DRIVE AC
MONROE 28110 704 289-2556

TAYLOR, RICHARD LEWIS FP 039
1018 COLLEGE STREET A P * AC
OXFORD 27565 919 693-3972

TAYLOR, RUSSELL CARL IM /NEP 095
250 DOCTORS DRIVE AC
BOONE 28607 704 264-6362

TAYLOR, SHAHANE RICHARDSON, JR OPH 041
348 N. ELM STREET A P * AC
GREENSBORO 27401 919 274-4626

TAYLOR, THOMAS JEFFERSON GP 042
616 FRANKLIN STREET A L
ROANOKE RAPIDS 27870 919 537-6156

TAYLOR, THOMAS LEE DR 043
116 JONES DRIVE AC
DUNN 28334 919 892-7161

TAYLOR, VERNON WILLIAMS, JR. FP 086
815 N. BRIDGE STREET A L
ELKIN 28621 919 835-3425

TAYLOR, WILLIAM IVEY, JR. GP 065
ROUTE #3, BOX 3680 A RT
BURGAW 28425 919 259-2301

TAYLOR, WILLIAM RILEY ON /IM 018
690 FAIRGROVE CHURCH ROAD A AC
P. O. BOX 3710
HICKORY 28603 704 324-9550

TEACHEY, HERMAN MCKINLEY 074
404 LAUREL ST. A S
GREENVILLE 27834 919 758-4139

TEAFORD, MICHAEL JACOB PTH 011
ST. JOSEPH'S HOSPITAL A AC
ASHEVILLE 28801 704 255-3943

TEAGUE, RANDALL SCOTT DR /EM 076
1235 WESTOVER TERRACE AC
ASHEBORO 27203 919 625-5151

TEAM, ROBERT ALSTON FP 029
2 CHERRY STREET A AC
LEXINGTON 27292 704 246-4539

TEASLEY, BARRY HOYLE OPH 096
P. O. BOX 10907 A P * AC
103 COX BLVD.
GOLDSBORO 27532 919 734-8440

TEDDER, MARK 032
2658 HITCHCOCK DR. A S
DURHAM 27705 919 286-4299

TEETER, ROBERT TENNANT OBG 016
#9 MEDICAL PARK A AC
MOREHEAD CITY 28557 919 726-0107

TEJANO, FELIPE MAZON U 054
KINSTON CLI.,NORTH,
DOCTORS DR. A P * AC
KINSTON 28501 919 527-3043

TELFER, JAMES GAVIN, JR. IM /FP 092
305 S. ACADEMY STREET AC
CARY 27511 919 467-7528

TEMPLE, PETER LIVERMORE FP 033
101 CLINIC DRIVE A AC
TARBORO 27886 919 823-2105

TEMPLE, RUFUS HENRY, JR. OBG 065
2215 CANTERWOOD DR. A AC
WILMINGTON 28401 919 763-8471

TEMPLETON, THOMAS BREVARD IM 049
521 BROOKDALE DR. A P AC
STATESVILLE 28677 704 872-3455

TENNANT, STANLEY NEAL CD 041
530 N. ELAM AVENUE AC
GREENSBORO 27403 919 299-0111

TENNEY, JAMES BERNARD GPM /PH 011
ROUTE #4, BOX 131, HOYT ROAD A AC
ARDEN 28704 704 255-5671

TENNISON, MICHAEL BYRON CHN /PD 032
UNC SCHOOL OF MEDICINE A AC
751 BURNETT-WOMACK BLDG. 229-H
CHAPEL HILL 27514 919 966-2528

TEPLIN, STUART WARREN PD 032
UNC,DDDL/BSRC 220-H AC
CHAPEL HILL 27514 919 966-5171

TERRELL, GRACE EMERSON 032
2920 CHAPEL HILL RD. APT. 54-D A S
DURHAM 27707 919 493-3147

TERRELL, SARA ELDORA HAWORTH IM 040
624 QUAKER LANE, STE 211-B A P * AC
HIGH POINT 27262 919 841-4233

TERRELL, THOMAS EUGENE IM 040
624 QUAKER LN., STE. 207-C A P * AC
HIGH POINT 27262 919 841-4233

TESTER, RICHARD DEAN R/NM 040
P. O. BOX 5007 A AC
HIGH POINT 27262 919 883-6716

TETA, JOSEPH MICHAEL GP 086
P. O. BOX 242 AC
ROARING GAP 28668 919 363-2349

THACKER, ROBERT KELLER FP 041
603 DOLLEY MADISON AC
GREENSBORO 27410 919 294-6190

THALINGER, ALAN ROBERT ON /IM 060
3535 RANDOLPH ROAD A P AC
CHARLOTTE 28211 704 365-0760

THELAN, KENNETH MACLACHLAN IM 034
250 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-4730

THIELE, RONALD LEWIS PD /PH 074
503 QUEEN ANNE'S ROAD A AC
GREENVILLE 27834 919 756-6721

THIERJUNG, CHRISTINA 032
1915 ERWIN RD. APT. D A S
DURHAM 27705 919 684-6369

THIGPEN, FRONIS RAY FP /PD 024
805 S. MADISON STREET A AC
WHITEVILLE 28472 704 642-6121

THOMAS, ACHAMMA IM 060
2048 CONISTON PLACE A RT
CHARLOTTE 28207 704 333-4444

THOMAS, ALAN EFIRD IM 065
SOUTHEASTERN MEDICAL GROUP AC
637 S. KERR AVENUE
WILMINGTON 28401 919 799-1810

THOMAS, BARBARA ANNE LOWRY P 034
2720 WINDY CROSSING A R
WINSTON-SALEM 27107 919 785-2073

THOMAS, BEN DAVID FP 092
P. O. BOX 247 AC
ZEBULON 27597 919 269-9111

THOMAS, COLIN EDWARD U 045
512 SIXTH AVENUE, WEST A P AC
HENDERSONVILLE 28739 704 692-6262

THOMAS, COLIN GORDON, JR GS 032
UNC,BURNETT-WOMACK 229-H A AC
CHAPEL HILL 27514 919 966-4597

THOMAS, DAVID PRYSE ORS 065
ROUTE #3, BOX 303 A L/RT
WILMINGTON 28403 919 791-0650

THOMAS, EDWIN SCOTT IM 092
106 E. PARK ST. A P AC
CARY 27511 919 467-8168

THOMAS, FRANCIS THORNTON TS /GS 074
ECU DEPT. OF SURGERY A * AC
GREENVILLE 27834 919 757-2620

THOMAS, HENRY FULLER GS /CDS 036
902-G COX ROAD A P AC
GASTONIA 28052 704 864-7821

THOMAS, JAMES JOSEPH PD 012
100 MEDICAL HEIGHTS DR. A AC
MORGANTON 28655 704 433-4484

THOMAS, JOSEPH MARTIN AN 078
300 WISTERIA DR. A AC
LUMBERTON 28358 919 738-8154

THOMAS, JULIE MARIANNA 032
L-7 ROYAL PARK A S
CARRBORO 27510 919 967-8010

THOMAS, MATHAI SOMAN AN 001
393 PORTSMOUTH CT. AC
BURLINGTON 27215 919 227-6711

THOMAS, MILLARD BRADY, III 074
11-B STRATFORD ARMS A S
GREENVILLE 27834 919 756-2373

THOMAS, ROGER EDMUND FP 074
DEPT. OF FAMILY MEDICINE A AC
ECU SCHOOL OF MEDICINE
GREENVILLE 27834 919 757-2603

THOMAS, ROSEMARY ANN CD /IM 074
ECU, DEPT. OF MEDICINE AC
GREENVILLE 27834 919 757-4651

THOMAS, WILBUR CLYDE PTH 049
138 SIGNAL HILL DR. APT. 105 A AC
STATESVILLE 28677 704 872-5426

THOMAS, WILLIAM RALPH GP 070
RT. #3, BOX 476 AC
ELIZABETH CITY 27909 919 338-2480

THOMASON, HENRY CLAYTON, JR. CD /IM 036
603 COX ROAD, SUITE E A P AC
GASTONIA 28054 704 867-2341

THOMASON, MICHAEL HALE GS 060
PO BOX 32861 A AC
CHARLOTTE 28232 704 331-3176

THOMASON, ROBERT BRADLEY,III GS 034
N.C. BAPTIST HOSPITAL A R
300 S. HAWTHORNE RD.
WINSTON-SALEM 27103 919 748-2011

THOMLEY, ALAN MILES CD /IM 060
1960 RANDOLPH ROAD A AC
CHARLOTTE 28207 704 373-1503

THOMPSON, BENJAMIN EVERETT,JR. GP 092
301 S. ACADEMY STREET AC
CARY 27511 919 467-9961

THOMPSON, ERVIN MAGNUS P 032
3643 N. ROXBORO ST. A AC
DURHAM 27704 919 470-6241

THOMPSON, FRANK ALAN GE /IM 011
W-18 DOCTORS BLDG. P AC
ASHEVILLE 28801 704 258-3871

THOMPSON, FREDERICK A. IM /CD 014
322 MULBERRY ST., SW A AC
PO BOX 1020
LENOIR 28645 704 758-5544

THOMPSON, GEORGE R. C. FP 065
129 OLDE POINT RD. A L/RT
HAMPSTEAD 28443

THOMPSON, JAMES NICHOLAS OTO /HNS 034
BOWMAN GRAY, DEPT. OF SURG. A AC
WINSTON-SALEM 27103 919 748-4161

THOMPSON, JOHN ALBERT, JR. D 060
2310 RANDOLPH ROAD A P AC
CHARLOTTE 28207 704 376-9849

THOMPSON, JOHN HARGETT FP 025
P. O. BOX 220 A
TRENTON 28585 919 448-4321

THOMPSON, KENNETH COCHRAN P 033
101 CLINIC DRIVE A AC
TARBORO 27886 919 823-2105

THOMPSON, LAWRENCE KESLAR, III PS 032
2609 N. DUKE ST., STE. 401 A AC
DURHAM 27704 919 471-2502

THOMPSON, MARVIN WHITAKER PTH 078
P. O. BOX 847 A * AC
LUMBERTON 28359 919 738-6441

THOMPSON, OTIS RICHARD, JR. IM /CD 014
322 MULBERRY ST., SW A AC
PO BOX 1020
LENOIR 28645 704 758-5544

THOMPSON, WILLARD RAY OTO 080
102 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 637-3344

THOMPSON, WILLIAM CECIL, III FP 018
210 13TH AVE. PL., NW AC
HICKORY 28601 704 322-7170

THOMPSON, WILLIAM KEITH PD 029
200 ARTHUR DRIVE AC
THOMASVILLE 27360 919 475-2348

THOMPSON, WILLIAM MOREAU DR /R 032
DUMC, DEPT. OF RADIOLOGY A AC
DURHAM 27710 919 684-2711

THOMPSON, WINFIELD LYNN GS 096
216 S. HILLCREST DRIVE L/RT
GOLDSBORO 27530 919 734-2610

THOMPSON,WILLARD CHANDLER,JR. GS 060
3535 RANDOLPH RD., 201-W A AC
CHARLOTTE 28211 704 364-8100

THORNE, EDWARD YOUNG COX PD 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-1300

THORNE, NORMAN ALAN R/NM 011
P. O. BOX 2959 A AC
ASHEVILLE 28802 704 254-4617

THORNE, SILAS OWENS, JR. OPH /OTO 016
MEDICAL PARK--4-A AC
MOREHEAD CITY 28557 919 726-3308

THORNHILL, EDWIN HALE OTO /OPH 092
720 W. JONES STREET A L
RALEIGH 27603 919 834-7341

THORNHILL, GEORGE TUDOR OPH 092
720 W. JONES STREET A * AC
RALEIGH 27603 919 834-7341

THORNTON, JACK WALKER OTO /HNS 018
P. O. DRAWER 2484 A P AC
HICKORY 28601 704 322-3725

THORNTON, WILLIAM COOPER, JR. IM 076
132 W. MILLER STREET A AC
ASHEBORO 27203 919 625-3218

THORP, JAMES HORACE MERRIAM OBG 064
200 NASH MEDICAL ARTS MALL A AC
ROCKY MOUNT 27801 919 443-5941

THORP, LEWIS SUMNER FP /FP 064
100 MEDICAL ARTS MALL AC
ROCKY MOUNT 27801 919 443-9084

THORWARTH, WM. THOMAS, JR. DR /NM 018
CATAWBA RADIOLOGICAL ASSOC. A AC
P. O. BOX 308
HICKORY 28603 704 322-2871

THRASH, WILLIAM VIRGIL IM 011
147 ASHELAND AVENUE A AC
ASHEVILLE 28801 704 258-1188

THULLEN, JAMES DONALD PD /NPM 092
2311 LAKE DRIVE AC
RALEIGH 27609 919 755-8545

THURMAN, ROGER ZALON GS 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-1300

THURSTON, THOMAS GARDINER, II R/NM 080
P.O. DRAWER 2608 A * AC
SALISBURY 28144 704 636-0848

THURSTON, THOMAS GARDINER, III OBG 080
315 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 636-9270

TICKLE, DEWEY REID R 098
WILSON MEMORIAL HOSPITAL A AC
WILSON 27893 919 399-8112

TIDLER, JAMES IM 065
1919 S. SIXTEENTH STREET A AC
WILMINGTON 28401 919 763-8184

TIDWELL, JOHN WILLIAM, II OBG 060
1900 RANDOLPH ROAD AC
CHARLOTTE 28207 704 377-5675

TIEDEMAN, JAMES STUART OPH 032
BOX 3802, DUMC A AC
DURHAM 27710 919 684-3090

TILLEY, PAUL DONALD GP 014
P. O. BOX 5607 A AC
LENOIR 28645 704 758-2368

TILSON, HUGH H. GPM /PH 092
3030 CORNWALLIS RD. A AC
RESEARCH TRIANGLE PK 27709 919 248-4354

TIMMONS, PHILLIP ZACHARY 074
D-6 DOCTORS PARK APTS. A S
GREENVILLE 27834 919 488-8162

TIMMONS, ROBERT LANSING NS 074
125 MOYE BOULEVARD A P * AC
GREENVILLE 27834 919 752-5156

TINGA, JOHN HINNES OBG 025
903 PINE TREE DRIVE AC
NEW BERN 28560 919 633-4005

TINGELSTAD, JON BUNDE PD /PDC 074
ECU, DEPT. OF PEDIATRICS A AC
GREENVILLE 27834 919 757-2540

TINSLEY, ELLIS ALLAN, SR. GS /TS 065
1414 MEDICAL CENTER DRIVE A * AC
WILMINGTON 28401 919 763-7363

TODD, GARY PRICE OPH /NTR 044
112 ACADEMY STREET A AC
WAYNESVILLE 28786 704 456-3505

TODD, STUART KITTREDGE GS 064
100 NASH MEDICAL ARTS MALL A P AC
ROCKY MOUNT 27801 919 443-9084

TOFFOLO, RUDOLF RONALD R 023
GOLD RUN CT., RT. 5, BOX 87 A AC
KINGS MOUNTAIN 28086 704 739-3712

TOHER, RAYMOND JOSEPH, JR. IM 032
1901 HILLANDALE ROAD AC
DURHAM 27705 919 383-1518

TOLENTINO, ANITA CHUA AN 060
6842 N. BALTUSTROL LANE AC
CHARLOTTE 28210 704 552-8511

TOLLEY, AUBREY GRANVILLE P 032
110 LAUREL HILL ROAD AC
CHAPEL HILL 27514 919 942-5754

TOLLIVER, JAMES BERT FP 029
510-A TURNER STREET AC
THOMASVILLE 27360 919 475-9171

TOLMIE, JOHN DUNCAN AN 034
1543 ABBEY COURT P AC
WINSTON-SALEM 27103 919 727-4271

TOLSON, ROGER JOHN IM 070
1134 N. ROAD STREET A AC
ELIZABETH CITY 27909 919 335-2963

TOMBERLIN, KENNETH GUY ORS 034
2925 BRIGHAM STREET * AC
WINSTON-SALEM 27103 919 765-9314

TOMLIN, EDWIN MERRILL U 013
102 LAKE CONCORD ROAD, N.E. A AC
CONCORD 28025 704 786-5131

TOMLINSON, ROBERT LEE, JR. OBG 098
1700 TARBORO STREET, EXT. A AC
WILSON 27893 919 291-9010

TOMSICK, ROBERT S. D 032
UNC, DEPT. OF DERMATOLOGY A AC
CHAPEL HILL 27514 919 966-4506

TOOLE, JAMES FRANCIS N/IM 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4101

TOPPLE, ANE MARIE 59
MCDOWELL MED. PK, BOX 696 AC
MARION 28752

TOPPLE, STANLEY CRAIG ORS 059
MCDOWELL MED. PK, BOX 696 A P AC
MARION 28752 704 652-3310

TORREY, RICHARD KENDRICK FP 098
THE MIDDLESEX CLINIC A AC
P. O. BOX 100
MIDDLESEX 27557 919 235-4078

TOSKY, GEORGE MICHAEL OBG 092
3000 NEW BERN AVE. A AC
RALEIGH 27610 919 755-8535

TOVE, NANCY LOUISE FP 092
3100 BLUE RIDGE RD. AC
RALEIGH 27612 919 782-0146

TOWNSEND, MURPHY FURMAN, JR. IM 041
1007 PROFESSIONAL VILLAGE A P AC
GREENSBORO 27401 919 272-2141

TOWNSEND, ROBERT GLENN, JR. FP 047
405 S. MAIN ST. A P * AC
PO BOX 665
RAEFORD 28376 919 875-5101

TRACHMAN, JAYNE FELICIA 032
1909 YEARBY AVE., APT. F A S
DURHAM 27705 919 684-5588

TRACHTENBERG, WILLIAM GP 096
239 S. HILLCREST DRIVE A L/RT
GOLDSBORO 27530 919 734-0956

TRACY, JOHN WILLIAM FP 060
1618 E. MOREHEAD ST. AC
CHARLOTTE 28207 704 377-3610

TRADO, CHARLES ELEMENDORF P/GP 018
IKERD BUILDING A P AC
612 THIRD AVE., NE
HICKORY 28601 704 324-9900

TRAMM, JEANNE NORGAARD AN 011
ST. JOSEPH'S HOSPITAL A * AC
ASHEVILLE 28801 704 252-1016

TRAN, LUCAS VAN N 034
101 ROBESON ST. STE. 410 A R
FAYETTEVILLE 28301 919 483-5050

TRANT, CHARLES AMON, JR. 074
106 SCALES PL., A-8 A S
GREENVILLE 27834 919 830-1244

TRAPASSO, ROBERT LOUIS PTH 077
P. O. BOX 1928 A AC
ROCKINGHAM 28379 919 997-2561

TRASK, TODD WILSON 032
APT. A-14, UNIVERSITY GARDENS A S
CHAPEL HILL 27514 919 942-2319

TRAVIS, JO MARLENE 032
45 HARDING AVENUE A S
BRANFORD, CT 06405 203 481-7026

TRAYLOR, HENRY WILLIAM, JR. IM /EM 024
805 S. MADISON A AC
WHITEVILLE 28472 919 642-6121

TREADWELL, EDWARD LOUIS RHU /IM 074
ECU, DEPT. OF MEDICINE A AC
GREENVILLE 27834 919 757-2533

TREVATHAN, G. EARL, JR. PD 074
ECU, AMBULOTORY PED. SECT. A * AC
GREENVILLE 27834 919 757-2535

TRITICO, ROCCO JOSEPH DR 049
P. O. BOX 803 A AC
STATESVILLE 28677 704 872-4057

TRIVEDI, KIRIT DHIRAJLAL FP /GS 093
546 W. RIDGEWAY STREET AC
WARRENTON 27589 919 257-2346

TROOST, B. TODD N/OPH 034
215 PINE VALLEY ROAD A AC
WINSTON-SALEM 27104 919 748-4643

TROUGHT, WILLIAM STANLEY DR 074
19 BAYWOOD DRIVE A AC
WINTERVILLE 28590 919 752-5000

TROUTMAN, BAXTER SUTTLES GP 014
328-D MULBERRY STREET, SW A P * L
LENOIR 28645 704 754-4211

TROUTMAN, BELK CONNOR GP 054
P. O. BOX 429 A AC
GRIFTON 28530 919 524-4273

TROWELL, AMY REBECCA PD /PHO 034
250 CHARLOIS BOULEVARD A AC
WINSTON-SALEM 27103 919 768-4730

TROXLER, DAVID HAYS PUD 011
30 CHOCTAW ST. A P AC
ASHEVILLE 28801 704 255-7733

TROXLER, EULYSS ROBERT ORS 041
2314 PRINCESS ANN ST. A L
GREENSBORO 27408 919 288-5521

TRUESDALE, GERALD LYNN PS /GS 041
901 N. ELM ST. A AC
GREENSBORO 27401 919 274-2757

TRUETT, ARTIS PRESTON, III 032
2672 HITCHCOCK DR. A S
DURHAM 27705 919 479-5299

TRUJILLO, JAIME EMILIO IM /END 034
3111 MAPLEWOOD AVE., STE. 101 AC
WINSTON-SALEM 27103 919 768-0496

TRULUCK, THOMAS BRIAN OBG 025
903 PINE TREE DRIVE AC
NEW BERN 28560 919 633-4005

TRUSCOTT, BASIL LIONEL N/IM 034
1244 ARBOR RD., #449 AC
WINSTON-SALEM 27104 919 725-4441

TRUSLOW, ROY EARL R 079
618 S. MAIN STREET A AC
REIDSVILLE 27320 919 349-8461

TSAI, GEORGE SHOU-CHYUAN GP 060
P. O. BOX 430 A AC
INDIAN TRAIL 28079 704 821-7056

TSE, ALEX YU CHOW PD /A 067
120 MEMORIAL DRIVE A AC
JACKSONVILLE 28540 919 353-0581

TSE, ANDRE KON SANG CD /IM 067
144 MEMORIAL COURT A AC
JACKSONVILLE 28540 919 353-5111

TUCKER, DONALD HUGH IM /CD 074
1705 W. SIXTH STREET AC
GREENVILLE 27834 919 752-6101

TUCKER, GEORGE FRANKLIN FP 092
P. O. BOX 246 A AC
ZEBULON 27597 919 269-9144

TUCKER, GEORGE REGINALD, JR. FP 091
RUIN CREEK RD. STE. A A AC
HENDERSON 27536 919 492-3152

TUCKER, PAUL CHAMBLISS, JR. GE /IM 060
NALLE CLINIC A AC
1350 S. KINGS DR.
CHARLOTTE 28207 704 372-8750

TUCKER, WALTER ROBERT FP 060
1618 E. MOREHEAD ST. AC
CHARLOTTE 28207 704 377-3610

TUCKER, WILLIAM BEVERLY FP 091
RUIN CREEK ROAD A * AC
HENDERSON 27536 919 492-3152

TUCKER, WILLIAM STUART, JR. IM /END 060
1350 S. KINGS DR. A AC
CHARLOTTE 28207 704 372-8750

TUCKER, WILLIAM YORK, JR. CDS 034
300 S. HAWTHORNE ROAD A AC
WINSTON-SALEM 27103 919 748-4487

TUGGLE, ALLAN DAVIS R 060
2335 FOREST DRIVE A L
CHARLOTTE 28211 704 366-4089

TURITTO, LOUIS ANTHONY GS 020
2 WHITAKER LANE A AC
ANDREWS 28901 704 321-5010

TURK, ROBERT SPENCER GS 011
3-D DOCTORS PARK A AC
ASHEVILLE 28801 704 258-8206

TURLINGTON, WADE ROBERT FP 067
200 DOCTOR'S DRIVE, SUITE M A AC
JACKSONVILLE 28540 919 353-8100

TURNER, CHARLES SIEWERS PDS 034
2819 FOREST DRIVE A P AC
WINSTON-SALEM 27104 919 724-0345

TURNER, HENRY CATLETT AN 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4791

TURNER, JAMES ANGUS HS /ORS 011
DEPT. OF ORTHOPEDICS A P AC
U. S. NAVAL HOSPITAL
JACKSONVILLE, FL 32214

TURNER, LARRY OPH /OTO 032
1110 W. MAIN STREET A P L
DURHAM 27701 919 682-9341

TURNER, ROBERT COY IM 074
ECU, DEPT. OF MEDICINE A AC
GREENVILLE 27834 919 757-4633

TURNER, WILLIAM BOMAR, III U 096
1604 E. MULBERRY ST. A AC
GOLDSBORO 27530 919 735-1635

TURNER, WILLIAM HARRISON, III D/IM 041
1030 PROFESSIONAL VILLAGE A * AC
GREENSBORO 27401 919 373-1384

TURNER, WILLIAM PRESTON U 007
604 E. 12TH ST. A AC
WASHINGTON 27889 919 946-0136

TUTTLE, GREGORY HOWARD FP /EM 032
111 SUMMERLIN DRIVE AC
CHAPEL HILL 27514 919 966-2281

TUTTLE, MARLER SLATE, SR. FP 013
206 PROFESSIONAL BUILDING A L
KANNAPOLIS 28081 704 932-7016

TWEED, JOHN LINDSEY 032
811 VICKERS AVE. A S
DURHAM 27701 919 688-0527

TYE, JOHN GAROLD OPH 014
401 MULBERRY ST., SW. A AC
LENOIR 28645 704 754-0561

TYLER, MICHAEL JOSEPH FP 019
ROUTE #2, BOX 5 A AC
PITTSBORO 27312 919 542-2731

TYNDALL, HUBERT DURWOOD GP 096
2400 WAYNE MEMORIAL DRIVE AC
GOLDSBORO 27530 919 734-4845

TYNER, HUGH EDWARD GS /TS 036
902-G COX ROAD A AC
GASTONIA 28054 704 864-7821

TYREE, LARRY ALLEN FP 092
1109 DRESSER COURT AC
RALEIGH 27609 919 872-4900

TYSINGER, JOHN REED /CD 041
1511 WESTOVER TERRACE AC
GREENSBORO 27408 919 373-1562

TYSON, GEORGE WALTER NS 032
T12-080 HEALTH SCIENCE CTR. A AC
DETP. NS--S.U.N.Y.-STONYBROOK
STONYBROOK, NY 11794 516 444-1210

TYSON, JAMES WILLIAM FP 088
NEWLAND MEDICAL BUILDING A AC
BREVARD 28712 704 884-9030

TYSON, WOODROW WILSON IM /CD 040
1114 FERNDALE DRIVE A L
HIGH POINT 27260 919 882-6130

UGLAND, DAVID NELS OPH 060
100 QUEENS RD. A P AC
CHARLOTTE 28204 704 332-1156

UHLIN, STEPHEN RICHARD D/IM 040
624 QUAKER LANE, 302-B A P AC
HIGH POINT 27262 919 885-8333

UM, KI-BONG GP 007
P. O. BOX 625 A AC
ROBERSONVILLE 27871 919 795-4192

UMPHLET, THOMAS LEONARD IM 092
2519 WHITE OAK ROAD A L/RT
RALEIGH 27609 919 787-9650

UNDERDAL, ROBERT GORDER ORS 034
1900 S. HAWTHORNE ROAD * AC
WINSTON-SALEM 27103 919 765-1851

UNDERHILL, THURLOW REED U 025
800 HOSPITAL DRIVE, STE. #4 A AC
NEW BERN 28560 919 633-2712

UNGER, HENRY ALAN U 092
915 KILDAIRE FARM ROAD P AC
CARY 27511 919 467-3203

UNSICKER, CARL LESTER ORS 065
5305-F WRIGHTSVILLE AVE. A AC
WILMINGTON 28403 919 395-0684

UPPIN, A. S. GS 029
400 E. CENTER STREET AC
LEXINGTON 27292 704 249-2991

URBANIAK, JAMES RANDOLPH ORS /HS 032
BOX 2912, DUKE HOSPITAL A AC
DURHAM 27710 919 684-2476

UTHE, WILLIAM FREDERICK IM 032
1901 HILLANDALE ROAD AC
DURHAM 27705 919 383-1518

VALENCIA, RODOLFO CIRINEO IM 011
425-B U. S. HIGHWAY 70 A AC
SWANNANOA 28778 704 686-3881

VALENZIANO, RICHARD JOHN FP 044
1600 N. MAIN STREET * AC
WAYNESVILLE 28786 704 456-3511

VALERI, FRANK SCOTT CD /IM 060
2330 RANDOLPH RD. A AC
CHARLOTTE 28207 704 377-0575

VALK, HENRY LEWIS IM 034
300 S. HAWTHORNE RD. A P AC
WINSTON-SALEM 27103 919 748-4677

VALONE, JAMES AUSTIN PS /GS 092
2800 BLUE RIDGE BLVD.,#304 A P L
RALEIGH 27607 919 781-7430

VAN DYKE, ALLEN H., JR. OBG /GYN 032
2609 N. DUKE ST., STE. 204 A AC
DURHAM 27704 919 471-8402

VAN FLEET, WILLIAM VERNON P/CHP 023
802 N. LAFAYETTE ST. A AC
SHELBY 28150 704 482-7395

VAN JURA, JAMES FP 081
121 TRYON ROAD AC
RUTHERFORDTON 28139 704 286-2302

VAN NOORD, GLENN RICHARD FP 034
4020 DRESDEN DR. A AC
WINSTON-SALEM 27104 919 748-2230

VAN NYNATTEN, FRED H. IM /EM 065
7225 WRIGHTSVILLE AVE. AC
WILMINGTON 28403 919 256-4555

VAN TASSEL, ERIC D. IM /CD 032
410 EDGELAND PLACE A R
BIRMINGHAM, AL 35209

VAN-BLARICOM, LAWRENCE S. NS 011
445 BILTMORE AVE. A AC
ASHEVILLE 28801 704 258-8500

VAN-HOY, JOE MILTON GS 060
3735 ABINGDON ROAD A L/RT
CHARLOTTE 28211 704 364-5069

VAN-VELSOR, HARRY D 065
1924 S. SIXTEENTH STREET A AC
WILMINGTON 28401 919 762-5207

VANCE, SHELBY WILLIAM GP 006
BOX 70 A L
PINEOLA 28662 704 733-2788

VANCE, THOMAS DOYLE DR 095
904 STATE FARM ROAD A P AC
PO BOX 1097
BOONE 28607 704 264-6984

VANDENBOSCH, GERALD C. ORS 098
1704 S. TARBORO ST. A AC
WILSON 27893 919 291-7001

VANDERBEEK, RANDALL B. U 011
100 VICTORIA RD. AC
ASHEVILLE 28801 704 254-8883

VANDERSEA, HAROLD MARK ORS 025
800 HOSPITAL DRIVE A AC
NEW BERN 28560 919 638-8113

VANDERWERF, JOSEPH NELSON FP 045
611 FIFTH AVE., WEST AC
HENDERSONVILLE 28739 704 692-5068

VANDIVER, THOMAS JACKSON OBG 060
150 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0461

VANDIVIERE, H. MAC PUD /PD 032
U. OF KENTUCKY, PED. MN 102 A AC
LEXINGTON, KY 40536 606 233-5857

VANN, ROBERT LEE PD /PA 092
GLAXO, INC.P.O.BOX 13960 A * AC
RESEARCH TRIANGLE PK 27709 919 248-2100

VARGAS, CARLOS ABRAHAM DR 036
P. O. BOX 1495 A AC
GASTONIA 28052 704 864-4378

VARIA, INDIRA MAHESH P 032
BOX 3857, DUMC AC
DURHAM 27710 919 929-6726

VARIA, MAHESH AMRATLAL TR 032
NCMH, DIV.OF RAD. THERAPY A AC
CHAPEL HILL 27514 919 966-1101

VARNER, D. WAYNE PTH 065
346 HONEYCUTT DR. A * AC
WILMINGTON 28403 919 395-8177

VARNEY, DAVID ALLEN U/GS 096
305 WILLOW PLACE A * AC
GOLDSBORO 27530 919 778-6549

VARTANIAN, VARTAN AN 032
BOX 3060, DUMC AC
DURHAM 27710 919 684-6841

VATZ, BENJAMIN IM 041
1904 N. CHURCH STREET A AC
GREENSBORO 27405 919 274-3241

VAUGHAN, DANIEL PATRICK IM /ADL 032
UNC, STUDENT HEALTH AC
CHAPEL HILL 27514 919 966-2281

VAUGHAN, EDWIN WARNER IM /RIP 041
2632 WALKER AVENUE A L/RT
GREENSBORO 27403 919 275-8452

VAUGHAN, ROBERT WILLIAM AN 032
101 BARNHILL PLACE A P * AC
CHAPEL HILL 27514 919 966-5136

VAUGHAN, THOMAS JUNE R/CD 034
RT. #2, BOX 228-B A AC
SPARTA 28675 919 372-5511

VAUGHN, DONALD EUGENE EM /FP 092
120 WIND CHIME COURT A AC
RALEIGH 27609 919 847-8821

VAUGHN, RICHARD SIDNEY FP 074
P. O. BOX 1966 A AC
GREENVILLE 27834 919 752-7133

VAUGHN, TOM JIMISON, JR. OBG 086
708 S. SOUTH ST. AC
MOUNT AIRY 27030 919 786-4522

VAUGHT, WILLIAM WAYNE, JR OTO /HNS 001
1206 VAUGHN ROAD A P AC
BURLINGTON 27215 919 226-0660

VEAZEY, ALEX H., JR. FP 045
501 SIXTH AVE., W., STE. C A P AC
HENDERSONVILLE 28739 704 692-8511

VEAZEY, DANIEL BURT FP 045
611 FIFTH AVE., WEST AC
HENDERSONVILLE 28739 704 692-7111

VELAT, CLARENCE ANTHONY PTH /CLP 040
601 N. ELM ST. A AC
HIGH POINT 27261 919 884-6065

VENTERS, GEORGE COLE ORS 092
3410 EXECUTIVE DRIVE A AC
RALEIGH 27609 919 872-5296

VENTERS, WAYNE BURNETTE ORS 067
200 DOCTOR'S DRIVE, SUITE J A P AC
JACKSONVILLE 28540 919 353-1412

VERDONE, GEORGE FREDERICK IM /GER 060
1850 E.THIRD STREET, SUITE 210 AC
CHARLOTTE 28204 704 377-2559

VERELL, KAREN LEA PD /ADL 067
12 OFFICE PARK DR. A AC
JACKSONVILLE 28540 919 353-6262

VERHOEFF, DIRK PUD 060
SEASIDE SPARROW 12 A L/RT
HILTON HEAD ISLAND, SC 29928 803 671-2665

VERMEULEN, FRED DONALD CRS /GS 060
2028 RANDOLPH ROAD A P AC
CHARLOTTE 28207 704 333-1259

VERNER, HUGH DAVID IM 060
212 S. TRYON ST., STE. 1500 A AC
CHARLOTTE 28281 704 365-0760

VERNON, CHARLES ROBERTSON P 065
7230 WRIGHTSVILLE AVENUE A * AC
WILMINGTON 28403 919 256-4106

VERNON, JAMES TAYLOR P 012
P. O. BOX 1139 A AC
MORGANTON 28655 704 437-4642

VERNON, MICHAEL STEPHEN FP 074
609 CEDARHURST RD. A AC
GREENVILLE 27834 919 757-4614

VERROSS, WILLIAM EDWARD OBG 060
1023 EDGEHILL ROAD, S. A AC
CHARLOTTE 28207 704 373-1541

VESANO, JACK LEE ORS 060
225 HAWTHORNE LN., STE. 201 A AC
CHARLOTTE 28204 704 334-0809

VEST, HOWARD RYLAND, JR. AN 092
RALEIGH ANESTHESIA ASSOC. A P AC
P. O. BOX 18139
RALEIGH 27619 919 781-7420

VETTER, JOHN STANLEY FP 077
P. O. BOX 308 AC
ROCKINGHAM 28379 919 895-9075

VICK, HENRY VERNELL FP 033
101 CLINIC DRIVE AC
TARBORO 27886 919 823-2105

VICK, JOHN BERNARD TS /GS 074
#10 DOCTOR'S PARK A AC
GREENVILLE 27834 919 758-1747

VICK, WILLIAM WOODROW PTH /OBG 032
259 NATURE TRAIL A S
CHAPEL HILL 27514 919 933-5531

VIETA, PAUL ANTHONY OBG 026
911 HAY ST. A AC
PO BOX 53514
FAYETTEVILLE 28305 919 485-1191

VIGLIONE, CHERYL ANNE DR /GP 032
213 NORTHWOOD DR. AC
CHAPEL HILL 27514 919 966-1461

VIJAYA, LINGA U 091
RUIN CREEK ROAD AC
HENDERSON 27536 919 492-8711

VILLANI, PETER LOUIS GS /CDS 078
33 TRINITY DRIVE A AC
LUMBERTON 28358 919 738-8556

VINOD, SHEELA UDAYAN PTH 041
DRAWER X-3 A AC
GREENSBORO 27402 919 299-6815

VINOSKI, BERNARD BENEDICT FP /AM 080
18 PINETREE ROAD A AC
SALISBURY 28144 704 636-0777

VINSON, DANIEL CASTILE FP 006
P. O. BOX 837 AC
BANNER ELK 28604 704 898-5026

VIRGILI, FRANK LOGES, JR. EM 092
5801 WINTHROP DR. P AC
RALEIGH 27612 919 266-2303

VISER, PAUL EDWARD IM 000
6704 ROCKWOOD RD. A R
LITTLE ROCK, AR 72207 501 663-9386

VISSER, PHILIP ALBERT GS /CRS 060
2115 E. 7TH ST., STE. 104 A P * AC
CHARLOTTE 28204 704 333-1574

VISSER, VALYA ELIZABETH NPM /PD 060
DEPT. OF PEDIATRICS AC
CHARLOTTE MEM. HOSP. BOX 32861
CHARLOTTE 28232 704 338-3156

VOCI, VINCENT EUGENE PS /HS 036
902 COX RD., STE. B AC
GASTONIA 28054 704 867-5852

VOGEL, JOSEPH VINCENT PTH 018
ROUTE #2, BOX 197 A AC
CONOVER 28613 704 322-3821

VOGT, JOEL ALAN P 041
522 N. ELAM AVE., STE. 203 AC
GREENSBORO 27403 919 854-2391

VOIGT, WARD LANDIS GS 021
CHOWAN MEDICAL CENTER A AC
EDENTON 27932 919 482-2116

VOLKMAN, ALVIN PTH 074
ECU, BRODY 7E, 124 A AC
GREENVILLE 27834 919 757-2804

VOLKMER, DONALD DURHAM IM 029
OLD 29-70 SOUTH AC
P. O. BOX 579
LEXINGTON 27292 704 249-7785

VOLLMER, DONALD HENRY IM 011
DRAWER R A L/RT
ANDREWS 28901 704 321-5615

VREELAND, WALLING D., JR. GP 034
3910 COUNTRY CLUB ROAD A AC
WINSTON-SALEM 27104 919 765-0170

VUKOSON, MATTHEW BRUCE FP 032
UNC, STUDENT HEALTH SERVICE AC
CHAPEL HILL 27514 919 966-2281

WACHTER, FRANCIS WILFRED PTH 060
2538 SELWYN AVENUE A * AC
CHARLOTTE 28209 704 371-4814

WADDELL, BRAD EDWARD 034
204 PERSHING AVE., SW A S
WINSTON-SALEM 27103 919 725-2939

WADE, EUGENE HENRY PETER FP 001
723 EDITH STREET AC
BURLINGTON 27215 919 229-4791

WADSWORTH, GEORGE HENRY GS 008
P. O. BOX 27 A L/RT
AHOSKIE 27910 919 332-2215

WADSWORTH, JOSEPH A.C. OPH 032
1830 HILLANDALE RD. A L
DURHAM 27705 919 383-5531

WAGGONER, LONNIE AUSTINE, JR. IM 036
2522 SHEFFIELD DR. A RT
GASTONIA 28054 704 865-5486

WAGONER, DAVID KIRK PD 060
332 LILLINGTON AVENUE AC
CHARLOTTE 28204 704 376-4493

WAHBEH, CAMILLE JAMIL OBG 026
1601-B OWEN DRIVE A AC
FAYETTEVILLE 28304 919 323-1152

WAINER, HOWARD SCHEYER IM /GE 041
1904 N. CHURCH STREET A AC
GREENSBORO 27405 919 274-3241

WALDENBERG, LEOPOLD MARK GS 092
3400 EXECUTIVE DR. STE. 104 A AC
P. O. BOX 17200
RALEIGH 27619 919 876-2732

WALDMAN, GARY DAVID D 090
1307 E. FRANKLIN ST. A AC
MONROE 28110 704 289-9448

WALHA, GURMUKH SINGH ORS /HS 076
542 WHITE OAK STREET A AC
ASHEBORO 27203 919 629-4171

WALKER, ANDREW WILLIAM PS /HS 060
2215 RANDOLPH ROAD A * AC
CHARLOTTE 28207 704 372-6846

WALKER, ANNE ENGLISH PD 060
226 BALDWIN AVENUE AC
CHARLOTTE 28207 704 332-8139

WALKER, DANA SHERRICK FP 034
2100 BRICKHAVEN DR. A R
GREENSBORO 27409

WALKER, DAVID ANTHONY OPH 063
TOWN & COUNTRY SHOP. CTR. A AC
ABERDEEN 28315 919 944-7196

WALKER, ELMER PIXLEY GYN 065
20 FOREST HILLS DR. A L
WILMINGTON 28403 919 763-2946

WALKER, GEORGE MARSHALL, II CDS 040
624 QUAKER LANE, STE. 116-B A AC
HIGH POINT 27262 919 886-4552

WALKER, HARRY GORDON FP 049
310 DAVIE AVENUE A AC
STATESVILLE 28677 704 873-3269

WALKER, JOHN BARRETT, JR. GP 001
MEDICAL VILLAGE AC
BURLINGTON 27215 919 228-8333

WALKER, JOHN BARRETT,III IM 001
MEDICAL VILLAGE, SUITE K AC
BURLINGTON 27215 919 226-7384

WALKER, JOSEPH EDWARDS FP /AI 023
EDWARD CLINIC A P AC
RT. #3, BOX 146
LAWNDALE 28090 704 538-8616

WALKER, LAWRENCE CRUMPLER, JR. OBG 034
2927 LYNDHURST AVENUE A AC
WINSTON-SALEM 27103 919 765-9350

WALKER, PHILLIP JACKSON NEP /IM 060
928 BAXTER ST. A AC
CHARLOTTE 28204 704 374-1321

WALKER, PRESTON ALMAND CHP /P 092
TAYLOR HALL A AC
DOROTHEA DIX HOSPITAL
RALEIGH 27611 919 733-5130

WALKER, RICHARD ISLEY IM /HEM 032
N. C. MEMORIAL HOSPITAL AC
CHAPEL HILL 27514 919 966-4546

WALKER, ROBERT WAYNE IM 045
510 7TH AVENUE, WEST A AC
HENDERSONVILLE 28739 704 692-2231

WALKER, THOMAS ENGLISH PD 060
226 BALDWIN AVENUE A AC
CHARLOTTE 28204 704 332-8139

WALKER, WILLIAM ALFRED CRS /GS 060
2028 RANDOLPH RD. A AC
CHARLOTTE 28207 704 333-1259

WALKER, WILLIAM RAY P 074
3109 GORDON DRIVE A AC
GREENVILLE NC 27834 919 757-2661

WALKER, WILLIAM THOMAS FP 034
202 S. CHERRY ST. A L/RT
KERNERSVILLE 27284 919 993-2011

WALKER, WILLIAM THOMAS, JR. IM 016
#5 MEDICAL PARK A * AC
MOREHEAD CITY 28557 919 726-9091

WALKER, WILLIAM WAYNE ASHHURST D 079
608 LINDEN DR. A AC
EDEN 27288 919 627-8585

WALL, JACK GARDNER DR 001
ROUTE #4, BOX 682 A AC
GRAHAM 27253 919 226-0198

WALL, ROSCOE LEGRAND, JR. GYN /END 034
440 SHERWOOD FOREST ROAD A L/RT
WINSTON-SALEM 27104 919 765-3383

WALL, STEPHEN NELSON 032
705 GREENWOOD ROAD A S
CHAPEL HILL 27514 919 942-1933

WALL, WILLIAM STANLEY GP 064
330 S. W. MAIN STREET A P L
ROCKY MOUNT 27801 919 446-4952

WALLACE, CHARLES DIXON, SR. P 092
4900 FALLS OF NEUSE, STE. 230 A AC
RALEIGH 27609 919 876-0111

WALLACE, DONALD KAI IM /GE 063
205 PAGE ROAD A AC
PINEHURST 28374 919 295-5511

WALLACE, JOHN MORRIS PTH 084
P. O. BOX 1489 A AC
ALBEMARLE 28001 704 982-0148

WALLACE, KELLEY, JR. PS /GS 007
RT. #2, BOX 631 A AC
CHOCOWINITY 27817 919 949-2223

WALLACE, ROBERT BRUCE EM 036
3101 ANDOVER CIRCLE A AC
GASTONIA 28054 704 861-0225

WALLENBORN, PETER AMBROSE,III OTO 011
4 LYNNWOOD ROAD A * AC
ASHEVILLE 28804 704 252-1853

WALLER, ROBERT JOSEPH TR 011
200 DOCTOR'S BUILDING A AC
ASHEVILLE 28801 704 255-4100

WALLER, TED JAMES ORS 095
30 DOCTOR'S PARK P AC
BOONE 28607 704 264-1100

WALLEY, BRUCE DOUGLAS CD /CDS 034
2827 LYNDHURST AVE. STE. 205 AC
WINSTON-SALEM 27103 919 768-9535

WALLIN, GENE AMBROSE FP /EM 010
1004 N. HOWE ST. A AC
SOUTHPORT 28461 919 457-6214

WALLS, BERTRAM EMMANUEL OBG 026
1774 METROMEDICAL DRIVE A AC
FAYETTEVILLE 28304 919 323-4155

WALSH, CARLE DOUGLAS D 080
921 CONFEDERATE AVENUE A L/RT
SALISBURY 28144 704 636-2466

WALSH, EMMETT JAMES, JR. U 074
2 DOCTOR'S PARK A AC
GREENVILLE 27834 919 752-5077

WALSH, ZANE THOMAS, JR. FP /PHO 074
106 GREENWAY APTS. A S
GREENVILLE 27834 919 756-7682

WALSTON, ABE, II CD /IM 032
306 S. GREGSON STREET A AC
DURHAM 27705 919 682-5561

WALTER, PAUL ANDREW, JR. AN 034
2832 FAIRMONT ROAD A AC
WINSTON-SALEM 27106 919 768-7680

WALTERS, BRADFORD BLAIR NS 032
UNC DIV. OF NEUR. SURG. A AC
BURNETT-WOMACK BLDG 229H
CHAPEL HILL 27514 919 966-1374

WALTERS, HENRY CEPHAS, JR. IM 049
750-B HARTNESS ROAD A * AC
STATESVILLE 28677 704 872-6343

WALTERS, HEZEKIAH GROVER, JR. GS 024
711 N. THOMPSON STREET A AC
WHITEVILLE 28472 919 642-3214

WALTHER, PHILIP JOHN U 032
BOX 3314, DUMC A AC
DURHAM 27710 919 684-5235

WALTON, CAREY JAMES, JR. IM /GE 014
P. O. BOX 1020 A AC
322 MULBERRY ST., SW
LENOIR 28645 704 758-5544

WALTON, GEORGE BRITAIN, JR. R/NM 024
P. O. BOX 345 A AC
CHADBOURN 28431 919 642-8011

WALTON, RICHARD FRANK FP 011
430 BILTMORE AVE. A AC
ASHEVILLE 28801 704 258-0635

WAMPLER, GARLAND EARHART FP 061
P. O. DRAWER 190 * AC
BURNSVILLE 28714 704 682-2646

WANNAMAKER, EDWARD JONES IM 060
1200 QUEENS ROAD A L/RT
CHARLOTTE 28207 704 372-5125

WARBURTON, KEELING ALFRED OBG 040
P. O. BOX 5128 A AC
HIGH POINT 27262 919 887-3011

WARBURTON, MARK JOSEPH ORS 040
624 QUAKER LANE, SUITE D-200 AC
HIGH POINT 27262 919 885-5095

WARBURTON, SAMUEL WOODWARD,JR. FP 032
407 CRUTCHFIELD STREET AC
DURHAM 27704 919 471-2571

WARD, D. E., JR. GS 078
2604 N. ELM STREET A P AC
LUMBERTON 28358 919 738-4276

WARD, DEMMING MORTON IM 080
319 MOCKSVILLE AVENUE A * AC
SALISBURY 28144 704 637-3538

WARD, JOHN CHARLES OM 054
410 LAKE PINES DRIVE A RT
LAGRANGE 28551 919 566-3119

WARD, JOHN THOMAS OPH 092
3100 BLUE RIDGE RD., STE. 200 A AC
RALEIGH 27612 919 787-2211

WARD, JOSEPH MAJOR FP /GER 074
121 W. POWER STREET A AC
AYDEN 28513 919 746-3191

WARD, MICHAEL MUNDY EM 065
3559 KIRBY SMITH DR. AC
WILMINGTON 28403 919 791-2059

WARD, WALTER AVEREL, JR. OTO /A 034
1411-B PLAZA WEST RD. A * AC
WINSTON-SALEM 27103 919 760-0240

WARD, WILLIAM GOODE ORS 032
21 GORHAM PLACE A R
DURHAM 27705 919 383-9667

WARDEN, CLARK GERARD GS 032
212 CEDARWOOD LANE A R
CARRBORO 27510 919 967-9414

WARLICK, JOHN THOMAS, III U 036
631 COX ROAD A AC
GASTONIA 28052 704 864-7764

WARNER, CHARLES ERNEST PD 060
1700 ABBEY PLACE A AC
CHARLOTTE 28209 704 523-7232

WARNER, MARK FRANCIS CD /IM 065
1202 MEDICAL CENTER DR. AC
WILMINGTON 28401 919 763-8251

WARREN, CASPER CARL, JR. AN 060
923 GRANVILLE ROAD A AC
CHARLOTTE 28207 704 372-3325

WARREN, HAROLD DRAPER IM 026
2333 ROLLING HILLS ROAD A AC
FAYETTEVILLE 28304 919 484-1735

WARREN, JEFFERY STEVEN EM /GS 032
C/O W. JEFF WARREN A R
227 W. MARSH ST.
SALISBURY 28144

WARREN, JOSEPH BENJAMIN GP 025
203 PINE ROAD A * AC
NEW BERN 28560 919 637-5888

WARREN, JULIAN MARION FP 064
P. O. BOX 1120 * AC
SPRING HOPE 27882 919 478-4600

WARREN, LARRY E. IM 092
503 SUNNYBROOK ROAD AC
RALEIGH 27610 919 755-8394

WARREN, MELINDA BAREFOOT OBG 074
528 SUWANEE CIRCLE A R
DAVIS ISLAND
TAMPA, FL 33606

WARREN, THOMAS LARRY OBG 018
P.O. BOX 2227 A AC
HICKORY 28603 704 322-4920

WARREN, THOMAS LINSON AN 060
5128 RED CEDAR LANE AC
CHARLOTTE 28226 704 379-5943

WARSHAUER, ALBERT DAVID AN 074
1608 E. FIFTH STREET A RT
GREENVILLE 27834 919 752-5296

WARSHAUER, SAMUEL EDWARD IM /CD 065
1514 DOCTORS CIRCLE A L
WILMINGTON 28401 919 762-1813

WARWICK, HIGHT CLAUDIUS AN 041
2320 KIRKPATRICK PLACE A L/RT
GREENSBORO 27408 919 272-4220

WASHBURN, HARRILL GENE FP 023
P. O. BOX 815 A AC
BOILING SPRINGS 28017 704 434-2281

WASHBURN, WILLARD WYAN GP /FP 023
P. O. BOX 795 A L/RT
BOILING SPRINGS 28017 704 434-2281

WASHINGTON, EDWARD M. PYM /AN 060
6523 PENSFORD LANE AC
CHARLOTTE 28226 704 366-0859

WASHINGTON, JOHN LANGTRY OBG /FP 001
316 GRAHAM-HOPEDALE RD. AC
BURLINGTON 27215 704 739-7445

WASHINGTON, MARY KAY 032
503 E. TRINITY AVE. A S
DURHAM 27701 919 688-0297

WASSEL, JOHN JOSEPH ORS 013
528 LAKE CONCORD ROAD, N.E. A AC
CONCORD 28025 704 788-3155

WATANABE, TSUNEO KENT OTO /HNS 092
1151 KILDAIRE FARM RD. STE.114 A AC
CARY 27511 919 467-7380

WATERS, DEAN GALE OBG 086
708 S. SOUTH STREET AC
MOUNT AIRY 27030 919 786-4522

WATERS, ZACK JAMES, JR. GS 007
604 E. 12TH STREET A AC
WASHINGTON 27889 919 946-9004

WATKINS, CARLTON GUNTER PD 060
3500 ELLINGTON STREET A AC
CHARLOTTE 28211 704 372-7790

WATKINS, GLEN LEE OTO /GP 034
U. S. NAVY SECURITY GROUP A R
ACTIVITY, BOX 804
FPO MIAMI, FL 34053 809 795-7380

WATKINS, ROY WAYNE 074
300 N. OAK ST. #16 A S
GREENVILLE 27834 919 752-5553

WATKINS, RUFUS WALTER GS 095
207 LONGVIEW DRIVE A AC
BOONE 28607 704 264-7650

WATKINS, WALTER DAVID AN /PA 032
BOX 3081, DUMC A P AC
DURHAM 27710 919 681-2498

WATSON, CHARLES BARNES 032
NCMH, DEPT. AN, 2162-A 2ND FL. A AC
CHAPEL HILL 27514 919 966-4000

WATSON, DAVID WILLIAM U 060
1900 RANDOLPH RD., STE. 506 AC
CHARLOTTE 28207 704 375-2544

WATSON, JAMES MORRIS ORS 070
1134 N. ROAD STREET A AC
ELIZABETH CITY 27909 919 338-3993

WATSON, JERRY FRANKLIN GS 097
EIGHTH ST. A P AC
PO BOX 789
N. WILKESBORO 28659 919 667-1183

WATSON, JOHN WILLIAM FP 039
104 NEW COLLEGE STREET A AC
OXFORD 27565 919 693-8126

WATSON, NAT ERSKINE, JR. NM /IM 034
766 OAKLAWN AVENUE A AC
WINSTON-SALEM 27104 919 748-3520

WATSON, RICHARD BALDWIN AN 032
816 ARCHDALE DR. A R
DURHAM 27707 919 684-6255

WATSON, ROBERT ANDREW FP /GER 001
803 HERMITAGE ROAD AC
BURLINGTON 27215 919 227-3643

WATTS, CHARLES DEWITT GS /ABS 032
510 SIMMONS STREET A AC
DURHAM 27701 919 688-3391

WATTS, HUGH BOYD ORS 080
102 MOCKSVILLE AVENUE A AC
SALISBURY 28144

WATTS, LARRY THOMAS 034
1022 ENGLEWOOD AVE. A S
WINSTON-SALEM 27106 919 724-9744

WATTS, LESTER EARL CD /IM 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4581

WAUGH, WILLIAM HOWARD NEP /IM 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-2773

WAY, BRADY COLE GS 016
3 MEDICAL PARK A AC
MOREHEAD CITY 28557 919 726-1136

WAY, JOHN EDWARD GS 016
#3 MEDICAL PARK A L
MOREHEAD CITY 28557 919 726-1136

WEADON, PRESTON STENZ NS 045
475 KING WILLIAM ROAD A RT
HENDERSONVILLE 28739 704 697-6857

WEAR, JOHN EDMUND R 080
102 MOCKSVILLE AVE., #206 A AC
SALISBURY 28144 704 633-1022

WEARN, FRANKLIN STAFFORD GS /EM 049
P. O. BOX 1746 A AS
STATESVILLE 28677 704 872-9494

WEAST, ROBERT RANDOLPH DR 011
STE. 301, 445 BILTMORE CENTER A AC
ASHEVILLE 28801 704 254-2371

WEATHERLY, WILLIAM JESSE GS 041
1014 PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 373-1078

WEATHERS, BAILEY GRAHAM, JR. FP 036
222 S. MAIN STREET A AC
STANLEY 28164 704 263-8945

WEATHERS, HARRY HUNTINGTON GS 042
P. O. BOX 879 A RT
ROANOKE RAPIDS 27870 919 537-6379

WEAVER, EDWARD HARRISON P 034
190 CHARLOIS BLVD. A AC
WINSTON-SALEM 27103 919 768-6930

WEAVER, FREDERICK BROWN IM 034
1409 PLAZA DRIVE AC
WINSTON-SALEM 27103 919 765-4301

WEAVER, JAMES PHILLIP TS /CDS 032
1830 HILLANDALE ROAD A AC
DURHAM 27705 919 383-5531

WEAVER, JOSEPH DUDLEY FP 008
111 N. MAPLE STREET A L/RT
AHOSKIE 27910 919 332-2196

WEAVER, MICHAEL DAVID DR 074
1711 W. SIXTH STREET A P * AC
GREENVILLE 27834 919 756-7923

WEAVER, R. GREY, JR. PD 034
771 REAFORD ROAD * AC
WINSTON-SALEM 27104 919 748-4091

WEAVER, ROY ALBERT PTH 026
CAPE FEAR HOSPITAL A AC
PO BOX 2000
FAYETTEVILLE 28302 919 323-6149

WEAVER, ZEBULON, III HEM /ON 011
80 VICTORIA ROAD * AC
ASHEVILLE 28801 704 258-0994

WEBB, ALEXANDER, JR. GS 092
2708 FAIRVIEW ROAD A L/RT
RALEIGH 27608 919 781-3469

WEBB, BAILEY PD 032
1824 HILLANDALE ROAD A L
DURHAM 27705 919 286-2202

WEBB, DUANE DAVID IM /GE 074
300 CLUB PINES DR. A AC
GREENVILLE 27834

WEBB, LAWRENCE XAVIER ORS 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-3606

WEBB, MICHAEL STEPHEN, JR. 032
311 S. LA SALLE ST., #18-D A S
DURHAM 27705 919 383-4960

WEBB, OSCAR JET AN 032
709-C HIBBARD DR. A S
CHAPEL HILL 27514 919 933-6496

WEBB, ROBERT KENT NEP /IM 026
P. O. BOX 64668 A P AC
FAYETTEVILLE 28306 919 484-8114

WEBB, WILLIAM WHITAKER, JR. D 080
400-C MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 636-0971

WEBER, ERIC D. NS 032
2 CARSON CIRCLE A R
DURHAM 27705 919 383-0465

WEBER, GLENDA H. PTH 034
P. O. BOX 809 A AC
CLEMMONS 27012 919 768-7680

WEBER, JOEL MICHAEL 034
1045-C BANK ST. A S
WINSTON-SALEM 27101 919 722-6775

WEBSTER, GEORGE DAVID U 032
DUMC, DIV. OF UROLOGY A AC
DURHAM 27710 919 684-2516

WEBSTER, JOEL STOOPS CD /IM 060
2330 RANDOLPH RD.AT LAUREL A AC
CHARLOTTE 28207 704 377-0575

WECHSLER, ANDREW STEPHEN CDS /GS 032
DUKE UNIV. MED. CTR. A AC
DURHAM 27710 919 684-5282

WEEKS, DUKE BYRON AN 034
2615 TALLWOOD COURT A P AC
WINSTON-SALEM 27106 919 748-4791

WEEKS, JOHN WESLEY OBG 036
902 COX ROAD A AC
GASTONIA 28054 704 867-6386

WEEKS, KENNETH DURHAM IM /CD 064
322 S. FRANKLIN STREET A L
ROCKY MOUNT 27801 919 977-6746

WEEKS, KENNETH DURHAM, JR. IM /CD 060
125 BALDWIN AVENUE A AC
CHARLOTTE 28204 704 338-6300

WEIDAW, HAROLD RICHARD AI /IM 063
P. O. BOX 1835 A AC
PINEHURST 28374 919 295-3893

WEIG, SPENCER GREENWOOD CHN 032
UNIV. OF MASS. MED. CTR. A R
DEPT. OF NEUROLOGY
WORCESTER, MASS 01605

WEILBAECHER, JAMES EDWARD, JR. ORS 011
129 MCDOWELL STREET A P AC
ASHEVILLE 28801 704 258-8800

WEIN, ROBERT MICHAEL OBG 041
408 PARKWAY A AC
GREENSBORO 27401 919 378-1110

WEINEL, WILLIAM HARVEY GYN 065
1809 GLEN MEADE ROAD A AC
WILMINGTON 28403 919 763-9833

WEINERTH, JOHN LOUIS U/GS 032
DUKE, DEPT. OF SURGERY A AC
DURHAM 27710 919 684-4157

WEINGART, JON DAVID 032
BOX 2808, DUMC A S
DURHAM 27710 919 383-3882

WEINRICH, A. ELISE D 032
2609 N. DUKE ST. STE. 505 A P * AC
DURHAM 27704 919 477-2121

WEINSTEIN, ROBERT HARVEY P 065
2595 S. 17TH ST. A P AC
WILMINGTON 28401 919 799-2283

WEINTRAUB, RICHARD ALAN CD /IM 041
1409 PEMBROKE ROAD A P AC
GREENSBORO 27408 919 378-1244

WEIS, WALTER FRANCIS, JR. ORS 065
5305 WRIGHTSVILLE AVE. BLDG. C AC
WILMINGTON 28403 919 799-9417

WEISENBERGER, ANTHONY JOSEPH P 011
APPALACHIAN HALL A * AC
P. O. BOX 5534
ASHEVILLE 28813 704 253-3681

WEISLER, RICHARD HARRY P 092
3320 EXECUTIVE DR. STE. 216 A P AC
RALEIGH 27609 919 782-4672

WEISNER, LARRY FELIX 074
#12 COUNTRY MANOR APTS. A S
GREENVILLE 27834 919 758-9272

WEISS, ERIC ANDREW 032
2724 MIDDLETON AVE., APT. A A S
DURHAM 27705 919 383-8417

WEISS, JAMES RICHARD P 032
400 EASTOWN DR., STE. 102 AC
CHAPEL HILL 27514 919 489-2671

WEISS, JOSEPH WALTON P 041
522 N. ELAM AVENUE, STE. 203 A AC
GREENSBORO 27403 919 854-2391

WEISS, RICHARD ELLIOTT NS 011
7 MCDOWELL STREET A AC
ASHEVILLE 28801 704 255-7776

WEISSMAN, JAMES MICHAEL GE /IM 041
1904 N. CHURCH STREET A AC
GREENSBORO 27405 919 274-3241

WEITZNER, STANLEY WALLACE AN 032
417 LYONS ROAD A AC
CHAPEL HILL 27514 919 684-2425

WEIZENBLATT, SPRINZA OPH 011
C/O TRUST DEPARTMENT A L/RT
P. O. BOX 2510
ASHEVILLE 28802

WELANDER, CHARLES ERIC GYN /ON 034
300 S. HAWTHORNE RD. A AC
WINSTON-SALEM 27103 919 748-4022

WELBORN, JAMES TODD FP 029
17 E. SECOND AVENUE A AC
LEXINGTON 27292 704 246-5625

WELBORN, JULIUS WARREN, JR. IM /OM 041
200 E. NORTHWOOD ST., STE. 310 A AC
GREENSBORO 27401 919 273-0872

WELCH, CARL LESTER FP 018
221 13TH AVE. PL. NW A AC
HICKORY 28601 704 322-5800

WELCH, EARL PARKS, JR. GS /TS 034
2825 LYNDHURST AVE. STE. 105 A AC
WINSTON-SALEM 27103 919 760-3112

WELCH, JACK H. AN 074
PHYSICIANS QUADRANGLE A P AC
GREENVILLE 27834 919 752-2140

WELDEN, ARNOLD OLIVER FP 095
ASU MEDICAL CENTER A AC
BOONE 28608 704 262-3100

WELFARE, CHARLES RANDALL IM 034
1113 STANDISH COURT A L/RT
WINSTON-SALEM 27106 919 723-3856

WELLBORN, WILLIAM REVERE, JR. OBG 012
300 AVERY AVENUE AC
MORGANTON 28655 704 437-1924

WELLER, EDWARD BROOKS ORS 040
624-D 200 QUAKER LANE AC
HIGH POINT 27262 919 885-5095

WELLMAN, DAVID KENTON GS /EM 032
2413 MONT HAVEN DR. AC
DURHAM 27712 919 471-6482

WELLS, ANDREW HENDERSON 034
1715 ELIZABETH AVE. A S
WINSTON-SALEM 27103 919 761-0895

WELLS, CHARLES LEWIS PTH 026
CAPE FEAR VALLEY MED. CTR. A AC
PO BOX 2000
FAYETTEVILLE 28302 919 323-6149

WELLS, DAVID MORELLE DR 077
802 CUMBERLAND CIRCLE A P AC
ROCKINGHAM 28379 919 997-6311

WELLS, EDWIN JULIUS PS 065
2209 DELANEY AVENUE A AC
WILMINGTON 28403 919 763-7617

WELLS, HELEN LEWIS GP 020
503 PEACHTREE STREET AC
MURPHY 28906 704 837-2515

WELLS, JAMES SHELTON, JR. P/PYM 032
ROUTE #3, BOX 456 A AC
HILLSBOROUGH 27278 919 967-6353

WELLS, MARIUS HUGHEY GS 088
NEWLAND MEDICAL BLDG. A AC
BREVARD 28712 704 884-9030

WELLS, RHEUDOLPH JAMES OTO /PS 041
602 PASTEUR DRIVE A AC
GREENSBORO 27403 919 292-5818

WELLS, ROBERT STANLEY IM 011
445 BILTMORE CTR., STE. 407 A AC
ASHEVILLE 28801 704 258-0397

WELLS, WARNER LEE GS 032
109 PARK PLACE #4 A L/RT
CHAPEL HILL 27514 919 968-0069

WELTON, DAVID GOE D 060
835 HEMPSTEAD PLACE A P L
CHARLOTTE 28207 704 364-6110

WENTZ, IRL JESSE ORS 016
2500 BRIDGES ST., STE. 7 AC
MOREHEAD CITY 28557 919 726-8906

WENZEL, FREDERICK GEORGE GS 044
102 HOSPITAL DR., STE. 12 AC
CLYDE 28721 704 456-8624

WERK, EMILE EUGENE, JR. IM /END 065
2131 S. SEVENTEENTH STREET A AC
WILMINGTON 28401 919 343-0161

WERTMAN, DANIEL EDWARD, JR. R 032
DURHAM CO. GEN. HOSP., RAD. A AC
DURHAM 27704 919 471-3411

WERTMAN, MARK GRAHAM ORS 025
PO DRAWER 1694 A AC
NEW BERN 28560 919 637-4477

WEST, GEORGE HARPER IM /CD 054
109 AIRPORT ROAD A AC
KINSTON 28501 919 522-3661

WEST, ROBERT LEE PTH 074
ECU SCHOOL OF MEDICINE A P * AC
GREENVILLE 27834 919 757-4951

WESTER, MILLARD WINSTON, JR. FP 091
VANCE MED. ARTS BLDG.,STE.A A * AC
HENDERSON 27536 919 492-3152

WESTER, THADDEUS BRYAN PD /PH 078
ROUTE #4, BOX 388 A P AC
LUMBERTON 28358 919 738-7231

WESTFALL, ARLIE HAROLD OBG 078
4300 FAYETTEVILLE ROAD A AC
LUMBERTON 28358 919 738-9601

WESTON, BRENT WILLIAM PD 032
301 OLD FOX TRAIL R
DURHAM 27713 919 489-1765

WESTON, LYNDA RIGSBEE P 034
610 COLISEUM DR. A AC
CHILD GUIDANCE CENTER
WINSTON-SALEM 27106 919 723-3571

WETTER, JAMES MICHAEL FP 026
1601-B OWEN DRIVE A AC
FAYETTEVILLE 28306 919 323-1152

WHALEN, ROBERT EMMET CD /IM 032
DUKE UNIV. MED. CTR. A AC
DURHAM 27710 919 684-6315

WHALEY, JAMES DAVANT U 018
138-A S. BATTERY A L/RT
CHARLESTON, SC 29401 803 722-9998

WHALEY, ROBERT ALLAN DR /N 032
748 SHADYLAWN ROAD AC
CHAPEL HILL 27514 919 966-4397

WHANGER, ALAN DUANE P 032
1712 WOODBURN ROAD AC
DURHAM 27705 919 684-2545

WHARTON, C. WATSON GP 051
201 W. MEADOWBROOK DRIVE A L/RT
SMITHFIELD 27577 919 934-8257

WHATLEY, JOSEPH WILLIAM, JR. PDA /A 032
2919 COLONY ROAD A AC
DURHAM 27705 919 489-9158

WHEATLEY, JAMES WALTER OPH 013
P. O. BOX 3295 A P AC
500 LAKE CONCORD RD., NE
CONCORD 28025 704 782-1127

WHEATLEY, SAMUEL NALLY OBG 024
BALDWIN WOODS A AC
WHITEVILLE 28472

WHEELER, CLAYTON EUGENE, JR. D/IM 032
NCMH, DEPT. OF DERMATOLOGY A AC
CHAPEL HILL 27514 919 966-4507

WHEELER, MICHAEL STEVENS PTH 081
15 SQUIRREL DEN DRIVE A P AC
RUTHERFORDTON 28139 704 287-7371

WHEELER, THERESA LYN 032
0-6 KINGSWOOD APTS. A S
CHAPEL HILL 27514 919 929-3702

WHELESS, THOMAS O. FP /GER 035
948 N. MAIN STREET A AC
LOUISBURG 27549 919 496-3375

WHELISS, JOHN ANGUS OPH 092
2800 BLUE RIDGE BLVD. STE. 407 A AC
RALEIGH 27607 919 781-7402

WHETSELL, DOUGLAS WAYNE IM /PUD 026
1756 METROMEDICAL DR. A AC
FAYETTEVILLE 28304 919 323-1322

WHICKER, CHARLES FINCH OBG 097
MEDICAL ARTS BUILDING A AC
NORTH WILKESBORO 28659 919 667-1156

WHICKER, JAMES HUBERT OTO 092
3010 ANDERSON DRIVE A AC
P. O. BOX 18946
RALEIGH 27619 919 787-7171

WHICKER, WINFRY EVANS FP 080
P. O. BOX 595 A AC
CHINA GROVE 28023 704 857-1108

WHISNANT, JOHN KEENAN, JR. PD /ON 032
237 HUNTINGTON DR. AC
CHAPEL HILL 27514 919 248-4160

WHISNANT, JOSEPH DURWOOD, JR. U 064
100 BRISTOL COURT A * AC
ROCKY MOUNT 27801 919 443-3136

WHITAKER, DONALD NASH FP 092
2016 CAMERON STREET A L/RT
RALEIGH 27605 919 832-0343

WHITAKER, DONALD NASH, JR. CD 013
140 LECLINE DRIVE, NE AC
CONCORD 28025 704 788-3367

WHITAKER, JAMES ALLEN U 064
1041 NOELL LANE, SUITE 102 A L
ROCKY MOUNT 27804 919 443-0578

WHITAKER, JAMES ALLEN, III CD /IM 098
1700 S. TARBORO ST. A AC
WILSON 27893 919 291-1300

WHITAKER, RICHARD HARPER GP 034
133 S. MAIN STREET A L/RT
KERNERSVILLE 27284 919 993-3838

WHITE, DOUGLAS RECTOR HEM /ON 034
BOWMAN GRAY, DEPT. OF MED. A AC
WINSTON-SALEM 27103 919 748-4380

WHITE, EMMETT ROYCE TR /R 012
BOX 10 A AC
RUTHERFORD COLLEGE 28671 704 879-9541

WHITE, FRANKLIN DELANO FP 019
P. O. BOX 567 A AC
SILER CITY 27344 919 663-2761

WHITE, GROVER WATTS U 036
631 COX ROAD A AC
GASTONIA 28054 704 864-7764

WHITE, JAMES ALFRED, JR. PTH 034
2240 CLOVERDALE AVE., STE. 198 A AC
WINSTON-SALEM 27103 919 722-1154

WHITE, JAMES LEE 034
3601 MERRIFIELD RD. A S
CHARLOTTE 27211

WHITE, MACK WILLIS, III IM 060
7523 LITTLE AVE. A AC
CHARLOTTE 28226 704 542-1952

WHITE, MICHAEL CRAIG D 000
8362 RIM LINE A R
SAN ANTONIO, TX 78251 512 670-7731

WHITE, PHILIP FLETCHER GP 077
P. O. BOX 1827 A P L
ROCKINGHAM 28379 919 895-5253

WHITE, RANDAL EARL RHU 074
407 CEDARHURST RD. A AC
GREENVILLE 27834 919 752-6101

WHITE, STEVEN MERLE OPH 074
301 BOWMAN GRAY DR. A P * AC
GREENVILLE 27834 919 758-5800

WHITE, TERRY EDWARD PM 011
ONE ROTARY DR. A AC
ASHEVILLE 28803 704 274-2400

WHITE, THOMAS HUGH OBG 060
1851 E. THIRD STREET A AC
CHARLOTTE 28204 704 332-8103

WHITE, THOMAS RHYNE FP 060
10724 PARK ROAD A AC
CHARLOTTE 28210 704 542-9227

WHITE, WILLIAM ELLIOTT PD 060
2711 RANDOLPH RD., STE. 301 A AC
CHARLOTTE 28207 704 332-6332

WHITE, WILLIAM HENRY, JR. OBG 053
109-A S. VANCE STREET A AC
SANFORD 27330 919 775-2304

WHITEHURST, LEE ALBERT ORS 092
3515 GLENWOOD AVENUE A AC
P. O. BOX 10707
RALEIGH 27605 919 781-5600

WHITEHURST, WALTER CLAYTON,JR. R 067
201 DEBORAH DRIVE A AC
JACKSONVILLE 28540 919 577-2274

WHITENER, BETTY LOU FP 039
P. O. BOX 220 A AC
OAK RIDGE, LA 71264 318 647-3720

WHITENER, DONALD LEONARD OBG 034
2927 LYNDHURST AVENUE AC
WINSTON-SALEM 27103 919 765-9350

WHITENER, ROBERT WILFONG P 041
1024 PROFESSIONAL VILLAGE AC
GREENSBORO 27401 919 274-1250

WHITESIDE, JOHN HARVEY OBG 060
150 PROVIDENCE ROAD A AC
CHARLOTTE 28207 704 377-0461

WHITESIDES, DANIEL BAXTER 032
4404 CHESHIRE CT. A R
DURHAM 27705 919 383-8731

WHITESIDES, EDWARD STEELE ORS 036
902 COX ROAD, SUITE D A P AC
GASTONIA 28054 704 864-6723

WHITFIELD, PETER WHITE ORS 041
201 E. WENDOVER AVE. A AC
GREENSBORO 27401 919 274-1957

WHITLEY, ROBERT RILEY FP 079
P. O. BOX 1689 AC
REIDSVILLE 27320 919 349-5040

WHITNEY, PAMELA JOYCE N 092
3320 EXECUTIVE DR., STE. 218 A AC
RALEIGH 27609 919 872-0940

WHITWORTH, CLAUDE PHILLIP IM 081
RT. 3, BOX 315 BB A AC
FOREST CITY 28043 704 286-9036

WICKER, JOSEPH BEAMAN AN 074
PHYSICIANS QUAD., BLDG. F A P AC
GREENVILLE 27834 919 752-2140

WIDENER, HERBERT LLOYD RHU /IM 060
1350 S. KINGS DRIVE P AC
CHARLOTTE 28207 704 372-8750

WIDNER, LARRY ALLEN R 040
1310 KENSINGTON DR. A AC
HIGH POINT 27260 919 887-1926

WIEGAND, STEVEN FREDERICK EM /FP 092
10305 WHITESTONE ROAD A AC
RALEIGH 27609 919 848-9471

WIER, FRED EUGENE GS /CDS 062
506 WOOD ST. A AC
TROY 27371 919 572-3737

WIGGINS, JOHN CARROLL, JR. IM 034
1121 PARTRIDGE LANE A L/RT
WINSTON-SALEM 27106 919 765-5334

WIGGINS, THOMAS BARNES DR 034
2508 MOUNT SALEM ROAD A R
PFAFFTOWN 27040 919 922-1364

WILCOX, BENSON REID CDS 032
UNC,108 BURNETT-WOMACK A AC
229-H
CHAPEL HILL 27514 919 966-3381

WILCOX, WILLIAM DAVID OPH 032
116 CRUTCHFIELD ST. A AC
DURHAM 27704 919 477-8050

WILEY, JERRY WILLIAM PD 092
4700 WESTMINISTER DR. * AC
RALEIGH 27604 919 733-2833

WILFERT, CATHERINE M. MINOCK PD /ID 032
BOX 2951, DUMC * AC
DURHAM 27710 919 684-6610

WILFONG, ROBERT FARRINGTON NS 067
2713 NEUSE BLVD. A P AC
NEW BERN 28560 919 633-6070

WILHELMSEN, BRUCE ORS 074
117 MEDICAL DRIVE A P AC
GREENVILLE 27834 919 758-1777

WILKERSON, ANNIE LOUISE OBG /GYN 092
100 S. BOYLAN AVENUE A P L
RALEIGH 27603 919 832-5529

WILKERSON, EARL RANDOLPH, JR. OPH 060
3535 RANDOLPH ROAD A AC
CHARLOTTE 28211 704 364-8576

WILKERSON, JACK WINFIELD FP 074
P. O. BOX 1966 A AC
GREENVILLE 27834 919 752-7133

WILKERSON, LOUIS REAMS OBG 092
100 S. BOYLAN AVENUE A P AC
RALEIGH 27603 919 832-5529

WILKINS, EZRA BROOKS FP 092
6204 GAINSBOROUGH DR. AC
RALEIGH 27612 919 782-0146

WILKINS, KENNETH WORTH OBG 096
P. O. BOX 1977 A AC
GOLDSBORO 27530 919 735-1253

WILKINS, KENNETH WORTH, JR. IM 025
702 NEWMAN RD., A AC
MCCARTHY SQUARE
NEW BERN 28560 919 633-5333

WILKINS, LUCIEN SANDERS GE 065
1202 MEDICAL CENTER DRIVE A * AC
WILMINGTON 28401 919 763-8251

WILKINS, ROBERT HENRY NS 004
DUMC, DIV. OF NEUROSURGERY A AC
DURHAM 27710 919 684-2549

WILKINSON, CHARLES ALBERT GS /TS 065
1501 MEDICAL CENTER DRIVE AC
WILMINGTON 28401 919 763-6289

WILKINSON, HENRY ALFRED PTH 060
2700 BEVERWYCK ROAD AC
CHARLOTTE 28211 704 338-3466

WILKINSON, JAMES SPENCER,JR. 000
107 HARROW CIRCLE A R
GREENVILLE 27834 919 758-3812

WILKINSON, JAMES SPENCER,SR. D 092
215 BRYAN BLDG. A L
RALEIGH 27605 919 832-6044

WILKINSON, ROBERT HOLDEN, JR. NM /R 032
BOX 3949, DUMC A AC
DURHAM 27710 919 681-2711

WILL, THOMAS AUGUSTINE GP 036
P. O. BOX 515 A AC
DALLAS 28034 704 922-3106

WILLE, CARL RICHARD OPH 074
DOCTOR'S PK, BLDG. 1 A AC
GREENVILLE N C 27834 919 758-4166

WILLETT, EUGENE STANLEY ORS 011
111 VICTORIA AT OAKLAND ROAD A AC
ASHEVILLE 28801 704 252-7331

WILLETT, ROBERT W. IM /N 092
2800 BLUE RIDGE BLVD. STE 503 AC
RALEIGH 27607 919 782-7500

WILLHIDE, MARGARET JANE PD /A 049
P. O. BOX 1460 AC
STATESVILLE 28677 704 873-0281

WILLIAMS, CHARLES D. PUD /IM 060
1928 RANDOLPH ROAD A AC
CHARLOTTE 70433 327 120-0000

WILLIAMS, CHARLES EMERY OTO /HNS 011
285 MCDOWELL STREET * AC
ASHEVILLE 28803 704 252-1853

WILLIAMS, DAVID LEON IM /HEM 063
540 N. W. BROAD STREET A AC
SOUTHERN PINES 28387 919 692-2061

WILLIAMS, DAVID ROBERT PD 029
200 ARTHUR DRIVE * AC
THOMASVILLE 27360 919 475-2348

WILLIAMS, EDWARD SUTHERLIN IM /CD 032
306 S. GREGSON STREET A AC
DURHAM 27701 919 682-5561

WILLIAMS, ELLIOTT FENNELL 032
UNC-542 CRAIGE DORM. A S
CHAPEL HILL 27514 919 933-3620

WILLIAMS, ERNEST COUNCIL GS /TS 036
3618 CLUB COLONY DR., W. A RT
GASTONIA 28054 704 864-7821

WILLIAMS, JACK DEAN OTO 023
209-B LEE ST. A P * AC
PO BOX 1968
SHELBY 28150 704 487-9088

WILLIAMS, JAMES JOSEPH FP 076
200 WORTH ST. AC
ASHEBORO 27203 919 625-6372

WILLIAMS, JAMES MATTHEWS FP 008
PO BOX 213 A AC
SUNBURY 27979 919 465-8686

WILLIAMS, JOHN DUDLEY, JR. GYN 041
1715-A W. MARKET ST. A L
GREENSBORO 27403 919 272-8833

WILLIAMS, JOHN HOWARD R 045
PARDEE MEMORIAL HOSPITAL AC
HENDERSONVILLE 28739 704 693-0797

WILLIAMS, KENAN BANKS PD 034
3175 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 768-7030

WILLIAMS, LEONIDAS POLK, JR. GS 070
BOX 172 A AC
CAMDEN 27921 919 335-1563

WILLIAMS, LYNWOOD EARL IM 054
2114 HARDEE ROAD A AC
KINSTON 28501 919 522-3753

WILLIAMS, MARTIN KEITH 074
B-5 DOCTOR'S PARK APTS. A S
GREENVILLE 27834 919 752-8619

WILLIAMS, MCCHORD GS 060
3954 CHURCHILL ROAD A L
CHARLOTTE 28211 704 364-5363

WILLIAMS, NATHAN EDWARD OBG 011
143 ASHELAND AVE. AC
ASHEVILLE 28801 704 258-9191

WILLIAMS, PAUL FORRESTER IM 001
711 HERMITAGE ROAD A AC
BURLINGTON 27215 919 226-9317

WILLIAMS, PAUL FRANKLIN OBG 067
200 MEMORIAL DRIVE A AC
JACKSONVILLE 28540 919 353-2115

WILLIAMS, R. BERTRAM, JR. GS /TS 065
1414 MEDICAL CENTER DRIVE A P AC
WILMINGTON 28401 919 763-7363

WILLIAMS, RANDAL JAMES OPH 018
P. O. BOX 2588 A AC
HICKORY 28603 704 322-2050

WILLIAMS, RANDOLPH MEADE ORS 074
117 MEDICAL DRIVE A AC
GREENVILLE 27834 919 758-1777

WILLIAMS, REDFORD BROWN, JR. IM /P 032
ROUTE #1, BOX 455 AC
HILLSBOROUGH 27278 919 684-3863

WILLIAMS, RHODERICK THOMAS, JR DR 042
114 WOODLAND ROAD AC
ROANOKE RAPIDS 27870 919 535-2121

WILLIAMS, RICHARD FREDERICK,JR 032
BOX 2866, DUMC S
DURHAM 27710 919 286-9676

WILLIAMS, ROBERT DR 092
2305 HATHAWAY ROAD A L/RT
RALEIGH 27608 919 833-5645

WILLIAMS, ROBERT BARCLAY 034
450 LOCKLAND AVENUE A S
WINSTON-SALEM 27103 919 723-6041

WILLIAMS, ROBERT CYRUS, JR. OTO 018
BOX 2484, A P *AC
FAIRGROVE CHURCH RD.
HICKORY 28603 704 322-3725

WILLIAMS, ROBERT LEE PD 034
2004 CLAXTON DRIVE A AC
WINSTON-SALEM 27107 919 785-0037

WILLIAMS, RONALD LYNN EM 098
1307 GROVE ST. AC
WILSON 27893 919 399-8101

WILLIAMS, RUSSELL WARREN FP 070
PO BOX 911 AC
KITTY HAWK 27949 919 261-3848

WILLIAMS, SAMUEL CLAY IM 034
2637 AUDUBON DR. A AC
WINSTON-SALEM 27106 919 722-3838

WILLIAMS, WILLIAM MARION, III PTH /CLP 065
2131 S 17TH STREET A AC
WILMINGTON 28402 919 343-7074

WILLIAMS, WILLIAM THOMAS, JR. IM /PD 060
MAIN ST., BOX 1570 AC
DAVIDSON 28036 704 892-7905

WILLIAMSON, JOSEPH EDWARD EM /FP 074
PITT MEMORIAL HOSPITAL A * AC
GREENVILLE 27834 919 753-2628

WILLIAMSON, JOYCE M. D 060
3535 RANDOLPH ROAD, 101-W A AC
CHARLOTTE 28211 704 364-6110

WILLIAMSON, ROSSIE MARSHALL GP 024
3004 WEDGEWOOD DR. A L/RT
CEDAR CREEK VILLAGE
N. MYRTLE BEACH, SC 29582 803 249-2126

WILLIAMSON, WARREN LIGON GS 078
295 WEST 27TH STREET AC
LUMBERTON 28358 919 738-8556

WILLIFORD, JOHN KENNETH FP 043
P. O. BOX 579 A AC
LILLINGTON 27546 919 893-3392

WILLIFORD, PHILLIP MABON IM 024
P. O. BOX 1249 A AC
WHITEVILLE 28472 919 642-8157

WILLIFORD, ROBERT EARL FP 076
208 FOUST STREET A AC
ASHEBORO 27203 919 625-4000

WILLIS, LARRY FRANKLIN OPH 012
335 E. PARKER ROAD AC
MORGANTON 28655 704 433-6220

WILLIS, ROBERT FREDERICK FP 026
204 S. MAIN STREET A P * AC
HOPE MILL 28348 919 424-6644

WILLIS, STEPHEN EDGAR FP 074
1748 BEAUMONT DR. A AC
GREENVILLE 27834 919 757-4611

WILLITTS, BRUCE KIRBY OBG 083
P. O. BOX 1808 A P AC
LAURINBURG 28352 919 276-4432

WILLMOT, MICHEAL HENRY GS 029
1009 PINE NEEDLE LANE A AC
THOMASVILLE 27360 919 472-4433

WILLSON, CHARLES FREDERICK PD 074
1800 W. FIFTH ST. A * AC
GREENVILLE 27834 919 752-7141

WILSHIRE, LARRY BRENT OPH 067
825 GUM BRANCH RD., STE. 133 A AC
JACKSONVILLE 28540 919 346-2444

WILSON, ARTHUR ROSS, JR. OTO 096
401 N. HERMAN ST. A AC
GOLDSBORO 27530 919 735-9146

WILSON, CATHERINE MARIE OBG 011
143 ASHELAND AVENUE A P AC
ASHEVILLE 28801 704 258-9191

WILSON, CHARLES HARRISON CDS /TS 041
1317 N. ELM ST., STE. 1 A AC
GREENSBORO 27401 919 373-8245

WILSON, CLARENCE LAFAYETTE, II OBG 065
1809 GLEN MEADE ROAD A AC
WILMINGTON 28403 919 763-9833

WILSON, DANIEL JOSEPH NEP /IM 034
318 FORSYTH MEDICAL PARK A AC
1900 S. HAWTHORNE RD.
WINSTON-SALEM 27103 919 768-6850

WILSON, FRANK CRANE ORS 032
N. C. MEMORIAL HOSPITAL A AC
CHAPEL HILL 27514 919 966-3359

WILSON, FRANK ELMORE PH /GPM 000
ROUTE #3, LEONA ROAD RT
LENOIR CITY, TN 37771 615 986-6315

WILSON, FRANK GAVIN GYN 018
CATAWBA MEDICAL CENTER AC
ROUTE #3, BOX 331
HICKORY 28601 704 322-5804

WILSON, HENRY VANPETERS, III GS /TS 060
3535 RANDOLPH RD., 201-W A AC
CHARLOTTE 28211 704 364-8100

WILSON, JACK KENNEDY, JR. IM 065
637 S. KERR AVENUE AC
WILMINGTON 28401 919 799-1810

WILSON, JACK KENNEDY, SR. GP 065
1908 HAWTHORNE ROAD A RT
WILMINGTON 28403 919 763-5536

WILSON, JAMES STEPHENSON GS 032
1830 HILLANDALE ROAD A L
DURHAM 27705 919 383-5531

WILSON, LAWRENCE STEVEN U 012
VALDESE DOCTORS' CLINIC A P AC
P. O. BOX 700
VALDESE 28690 704 874-4890

WILSON, LOCKE 032
ROUTE #5, BOX 177 A S
CHAPEL HILL 27514 919 942-3276

WILSON, MARK EDWARD 032
616-D HIBBARD DR. A S
CHAPEL HILL 27514 919 933-5886

WILSON, ROBERT LEWIS, JR. 034
2412 JEFFERSON AVE. A S
WINSTON-SALEM 27103 919 722-4588

WILSON, ROBERT WAYNE 074
EVANS MOBILE HOME PK. BOX 191 A S
WINTERVILLE 28590 919 756-1926

WILSON, ROEBY BRYANT GP 011
1330 W. SECOND AVENUE A L/RT
GASTONIA 28052 704 865-3940

WILSON, SAMUEL ALLEN GP 055
710 E. PARK DR. A L/RT
LINCOLNTON 28092 704 735-8548

WILSON, SCOTT DOUGLAS 034
BOX 437, 300 S. HAWTHORNE RD. A S
WINSTON-SALEM 27103 919 787-5630

WILSON, STEPHEN GLENN, SR. GP 043
P. O. BOX 158 A L/RT
ANGIER 27501 919 639-2574

WILSON, THOMAS BARNETTE PTH 092
501 E. WHITAKER MILL RD. 405-A L/RT
RALEIGH 27608 919 839-0250

WILSON, VIRGIL ARCHIBALD AN 034
4193 DIMHOLT COURT A AC
WINSTON-SALEM 27104 919 765-8452

WILSON, WILLIAM LENOIR PH 092
WEDGEWOOD APT. #23 A L/RT
740 E. SMALLWOOD DR.
RALEIGH 27605 919 828-2940

WILSON, WILLIAM PRESTON P 032
P. O. BOX 2347 A AC
BURLINGTON 27215 919 229-6049

WIMMER, JOHN EASTER, JR. NPM 074
ECU SCHOOL OF MEDICINE A AC
GREENVILLE 27834 919 757-4787

WINFIELD, HEBER GREY, III ORS 018
250 18TH ST. CIRCLE, SE AC
HICKORY 28601 704 322-5172

WINFIELD, JOHN BUCKNER RHU /IM 032
UNC DEPT. OF MEDICINE AC
CHAPEL HILL 27514 919 966-4191

WING, RICHARD LEE OBG 060
PO BOX 32861 A AC
CHARLOTTE MEM. HOSPITAL
CHARLOTTE 28232 704 338-3149

WINGERT, JOHN GEORGE OBG 060
1955 RANDOLPH ROAD A P AC
CHARLOTTE 28207 704 376-3536

WINGFIELD, THOMAS WHETSELL AN 036
629 TORRENCE DRIVE AC
GASTONIA 28052 704 864-2499

WINKER, JOEL EDWARD OBG 081
P. O. BOX 1208 A AC
RUTHERFORDTON 28139 704 287-7383

WINN, BARBARA JANE PETERS IM 083
605 PEDEN STREET AC
LAURINBURG 28352 919 276-6637

WINSLOW, FRANCIS EDWARD, JR. PD 092
3001 ESSEX CIRCLE A AC
RALEIGH 27608 919 782-0021

WINSLOW, JAMES ELBERT FP 073
609 PROFESSIONAL DR. A P AC
ROXBORO 27573 919 599-9258

WINSLOW, JAMES WEEKS FP 033
101 CLINIC DRIVE AC
TARBORO 27886 919 823-2105

WINSLOW, ROBERT BROWN PS /GS 092
2501 NORTH ST., STE. 500 AC
RALEIGH 27607 919 782-7762

WINSTEAD, JOHN LINDSAY, JR. GS 074
SUITE #1, MEDICAL PAVILION A AC
1800 W. FIFTH ST.
GREENVILLE 27834 919 752-2159

WINTER, KENNETH HOWE R 041
3307 WALDRON DRIVE A AC
GREENSBORO 27408 919 855-8972

WINTERS, RICHARD RIZER WALKER PS 025
1425 GLENBURNIE RD. A P AC
NEW BERN 28560 919 637-6800

WISE, DANIEL EDWIN CD 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

WISE, FRED EUGENE, JR. DR 060
1350 S. KINGS DRIVE A P AC
CHARLOTTE 28207 704 372-8750

WISE, JOHN EDNEY IM 018
1624 N. CENTER STREET A AC
HICKORY 28601 704 328-2094

WISSING, JOEL ALLEN R 060
1611 E. THIRD ST. A AC
CHARLOTTE 28211 704 333-0224

WITHERINGTON, DEXTER THOMPSON GS 054
P. O. BOX 1316 A P AC
KINSTON 28501 919 522-1626

WITHERS, ABNER CARR FP 012
BOX 38 A AC
DREXEL 28619 704 437-3694

WITHERS, LARRY DALE AN 026
150 ELLERSLIE DR. A P * AC
FAYETTEVILLE 28303 919 864-5117

WITHERS, SYDNOR TERRY, JR. IM /FP 065
5305 WRIGHTSVILLE AVE.BLDG.E A P AC
WILMINGTON 28403 919 791-5426

WITHERS, SYDNOR TERRY, SR. D 054
905 N. QUEEN STREET A P AC
KINSTON 28501 919 523-3289

WITTEN, ERNEST ROBERT SIDNEY IM 011
614 CITY BUILDING A AC
ASHEVILLE 28801 704 253-5707

WITTENBERG, PETER HERBERT PTH 036
GASTON MEM. HOSP. AC
PO BOX 1747
GASTONIA 28053 704 866-2851

WITTSTEIN, PETER BRIAN OPH 065
1904 TRADD COURT AC
WILMINGTON 28401 919 762-0057

WITWER, TIMOTHY SLAYTON IM /FP 070
1207 N. ROAD ST. A P AC
ELIZABETH CITY 27909 919 335-4351

WOFFORD, BENJAMIN GP 018
105 N. MAIN AVENUE A AC
NEWTON 28658 704 464-3321

WOLANSKI, TERRENCE PHILIP PUD /IM 067
118 MEMORIAL DRIVE AC
JACKSONVILLE 28540 919 353-1811

WOLFBERG, BERNARD P 029
ROUTE #4, BOX 295-A AC
THOMASVILLE 27360 919 475-8184

WOLFE, ANN FIERRO PD 092
6912 HUNTERS WAY AC
RALEIGH 27609 919 733-3816

WOLFE, HAROLD EUGENE D 096
117 CASHWELL DRIVE AC
GOLDSBORO 27530 919 734-0944

WOLFE, JOHN ALAN PTH /FOP 032
2222 CRANFORD ROAD A AC
DURHAM 27706 919 684-3300

WOLFE, JOHN RICHARD IM /RHU 034
2933 MAPLEWOOD AVENUE A AC
WINSTON-SALEM 27103 919 765-1640

WOLFE, WALTER GEORGE CDS /TS 032
BOX 3507, DUMC A AC
DURHAM 27710 919 684-4117

WOLFF, GEORGE THOMAS FP 041
1016-A PROFESSIONAL VILLAGE A AC
GREENSBORO 27401 919 379-1156

WOLFMAN, NEIL TURNER R 034
BOWMAN GRAY, DEPT. OF RAD. AC
WINSTON-SALEM 27103 919 748-2471

WOLTZ, JOHN HENRY EARLY GYN 060
150 PROVIDENCE ROAD A L
CHARLOTTE 28207 704 377-0461

WOMBLE, JAMES CORNELIUS 032
16 CREEKSIDE APTS. A S
PITTSBORO 27312 919 942-1475

WOMBWELL, JOSEPH ORS /HS 032
2417 BRUTON A R
DURHAM 27706 919 489-9312

WOOD, DAVID RICHARD GE /IM 034
1830 S. HAWTHORNE ROAD AC
WINSTON-SALEM 27103 919 765-0463

WOOD, EVERET HARDENBERGH OPH 088
104 MORNINGSIDE DRIVE A P AS
BREVARD 28712 704 884-6354

WOOD, KENNETH ERVIN ORS 060
1350 S. KINGS DRIVE AC
CHARLOTTE 28207 704 372-8750

WOOD, ROBERT MICHAEL ORS /PM 014
715 WILMORE DRIVE A AC
LENOIR 28645 704 758-7091

WOOD, SHERROD NEWBERRY GP 042
111 RAILROAD STREET A AC
ENFIELD 27823 919 445-5233

WOOD, WILLIAM BAINSTER IM /PUD 032
UNC, 231 MACNIDER BLDG. A AC
CHAPEL HILL 27514 919 962-2118

WOOD, WILLIAM LUPTON, SR. GP 086
P. O. BOX 367 A L/RT
YADKINVILLE 27055 919 679-8689

WOODALL, HAL BREEN IM 098
BOX 878 A AC
KENLY 27542 919 284-5151

WOODALL, LEONARD SCHMICH OBG 051
711 NORTH STREET A AC
SMITHFIELD 27577 919 934-7696

WOODARD, BARNEY LELON GP 051
P. O. BOX 129 A L
KENLY 27542 919 284-3080

WOODARD, JERRY CLEON GE /IM 098
1700 S. TARBORO ST. A P * AC
WILSON 27893 919 291-1300

WOODARD, MARSHALL WAYNE OPH 011
607 FLATIRON BUILDING A AC
ASHEVILLE 28801 704 252-5668

WOODARD, PAUL RICHARD AN 092
1825 ST. MARY'S ST. A AC
RALEIGH 27608 919 755-8000

WOODARD, SABRA ALDERMAN R/NM 092
1825 ST. MARY'S STREET A AC
RALEIGH 27608 919 755-3023

WOODARD, WARDEN LEWIS, III IM /HEM 060
420 RALEIGH AVE. A R
BIRMINGHAM, AL 35209 205 934-2080

WOODLEY, DAVID TIMOTHY D/IM 032
NCMH, DEPT. OF DERM., ROOM 137 AC
CHAPEL HILL 27514 919 966-4506

WOODRUFF, LEON FESTUS, JR. OBG 092
2800 BLUE RIDGE,BLVD.,STE. 502 A AC
RALEIGH 27607 919 781-5510

WOODRUFF, RALPH DUTTON PTH 034
BOWMAN GRAY, DEPT. OF PATH. AC
WINSTON-SALEM 27103 919 748-4311

WOODRUFF, WILLIAM WALTER, III DR 032
BOX 3808, DUMC A R
DURHAM 27710 919 681-2711

WOODS, JAMES WATSON, JR. CD /IM 032
UNC SCHOOL OF MEDICINE AC
CHAPEL HILL 27514 919 966-4445

WOODS, JON POINTON 032
113 PUREFOY ROAD, APT. D A S
CHAPEL HILL 27514 919 942-0654

WOODS, THOMAS J. CROFFORD OPH /EM 082
WOODSIDE PROF. BLDG. A AC
CLINTON 28328 919 592-7860

WOODWARD, ROBERT WARREN OBG 079
517 WOODROW ST. AC
PO BOX 448
REIDSVILLE 27320 919 342-6161

WOODWORTH, ALFRED HERMAN FP /EM 065
3930 SWEETBRIAR RD. AC
WILMINGTON 28403 919 392-3216

WOODWORTH, THOMAS BELL FP 026
1657 OWEN DRIVE A AC
FAYETTEVILLE 28304 919 484-6540

WOODY, JOE HARRIS OPH 060
4335 COLWICK RD. A P AC
PO BOX 220397
CHARLOTTE 28222 704 364-7400

WOODY, JOHN W. AUSTIN FP 075
900 LYNN ROAD A L/RT
TRYON 28782 704 859-9483

WOOTEN, CECIL WILLIAM, JR. GP 054
P. O. BOX 1577 L/RT
KINSTON 28501 919 523-3496

WOOTEN, ELEANOR JANE H. PD /PH 092
904 WILLIAMSON DRIVE A AC
RALEIGH 27608 919 832-4097

WOOTEN, JOHN LEMUEL ORS 074
6 MEDICAL PAVILION A AC
GREENVILLE 27834 919 752-4613

WOOTEN, WAYNE BROWN DR 080
102 MOCKSVILLE AVE. #206 AC
SALISBURY 28144 704 633-1023

WORDE, BOYD THOMAS TR 032
BOX 3085, DUKE HOSPITAL A AC
DURHAM 27710 919 684-3742

WORDEN, NEIL ASHTON FP 026
116 ROWAN STREET A P AC
FAYETTEVILLE 28301 919 483-0463

WORF, RICHARD CHARLES FP 062
508 WOOD STREET A AC
TROY 27371 919 572-3656

WORKMAN, JOSEPH BERKELEY NM /IM 032
219 COUNTRY CLUB DRIVE A AC
DURHAM 27712 919 681-2711

WORLAND, DAVID ERIC AN 041
1816 PEMBROKE RD., STE. #2 AC
GREENSBORO 27408 919 272-3720

WORLEY, JAMES HARR GS 011
675 BILTMORE AVENUE A L
ASHEVILLE 28803 704 254-2361

WORTH, THOMAS CLARKSON R 092
500 LAKE BOONE TRAIL A L/RT
RALEIGH 27608 919 787-6449

WORTMAN, JAMES EDWARD ON /HEM 065
715 FOREST HILLS DRIVE A AC
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CHARLOTTE 28207 704 376-1580

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P. O. BOX 38 A P AC
HICKORY 28601 704 322-4140

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15 MEDICAL PARK AC
MOREHEAD CITY 28557 919 247-2101

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EDENTON 27932 919 482-2116

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HICKORY 28601 704 327-4419

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1738 METROMEDICAL DR. A AC
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BELHAVEN 27810 919 943-2375

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P. O. BOX 348 A L/RT
FUQUAY-VARINA 27526 919 552-2728

WRIGHT, JOHN HERMAN, JR. PS /GS 034
2901 MAPLEWOOD AVENUE A AC
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105 LAUREL HILL CIRCLE A L/RT
CHAPEL HILL 27514 919 942-4557

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1901 HILLANDALE ROAD A P * AC
DURHAM 27705 919 383-1511

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102 MOCKSVILLE AVENUE A AC
SALISBURY 28144 704 633-6010

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409 CARTHAGE ST. A AC
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4516 RANDOLPH RD., #131 A AS
CHARLOTTE 28211 704 366-5479

WU, WALLACE CHI LI GE /IM 034
300 S. HAWTHORNE RD. AC
WINSTON-SALEM 27103 919 748-4603

WULFHORST, DEBRA LYNN 034
840 MAGNOLIA DR. A S
WINSTON-SALEM 27103 919 723-4036

WYCHE, JOSEPH THOMAS FP 024
ROUTE #2, BOX 30 A AC
WHITEVILLE 28472 919 642-2706

WYMAN, JOHN SHELDON EM /IM 045
715 FLEMING ST. AC
HENDERSONVILLE 28739 704 693-6522

WYMAN, ROBERT WEST FP 051
110 WADDELL STREET A AC
SELMA 27576 919 965-3055

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3614 HAWORTH DRIVE A AC
RALEIGH 27609 919 781-7557

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1721 OAKLAWN AVENUE A RT
CHARLOTTE 28216 704 332-2035

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E-17 CAROLINA APTS. A S
CARRBORO 27510 919 933-2173

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YADAV, SANJAY SINGH 032
4006 LIVINGSTONE PLACE A R
DURHAM 27707 919 286-2352

YANCY, WILLIAM SAMUEL PD /ADL 032
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YANG, SYNGIL 032
BOX 2865, DUMC A S
DURHAM 27710 919 286-7489

YAP, ELSA DUMAUG PTH 013
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CONCORD 28025 704 788-5987

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GASTONIA 28054

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PO BOX 17200
RALEIGH 27619 919 876-2732

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COLUMBIA, SC 29204 803 254-5140

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3930 LEINBACH DR. A S
WINSTON-SALEM 27106 919 924-2447

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2609 N. DUKE STREET A AC
DURHAM 27704 919 471-8481

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DURHAM 27707

YELLIG, EDWARD BOOTH IM 092
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1031 NOELL LANE A AC
PO BOX 111
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SHELBY 28150 704 482-1231

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YOFFE, MARK ON /HEM 092
3803 COMPUTER DR., STE. 200 AC
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107-C COMMERCE ST. A P AC
GREENVILLE 27834 919 355-2768

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602 FORSYTH MEDICAL PARK A P AC
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1 WEST END PLAZA A AC
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ANDREWS 28901 301 530-8113

YORK, SHELLEY CLYDE, JR. GS 029
1300 LEXINGTON AVENUE AC
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BOX 2820, DUMC A S
DURHAM 27710 919 383-6059

YOUNG, CHARLES GIBSON IM /OM 079
403 W. HARRISON STREET AC
P. O. BOX 359
REIDSVILLE 27320 919 349-5536

YOUNG, CHARLES RICHARD 074
102 DAVID DR., F-2 A S
GREENVILLE 27834 919 752-2918

YOUNG, CLINTON DRIVER PUD /A 041
1018 N. ELM STREET AC
GREENSBORO 27401 919 275-7238

YOUNG, DANIEL TEST CD /IM 032
UNC,338 CLINICAL SCI. 229-H AC
CHAPEL HILL 27514 919 966-4602

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615 ST. MARY'S STREET A L
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YOUNG, GARRET PINKNEY 074
L-13 BEASLEY ST. A S
GREENVILLE 27834 919 830-1915

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1201 BROOKSIDE DRIVE A AC
WILSON 27893 919 291-7001

YOUNGS, FRANKLIN JAY R 098
WILSON MEMORIAL HOSPITAL A AC
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3535 RANDOLPH ROAD A AC
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ZARZAR, NAKHLEH PACIFICO P 092
3125 GLENWOOD PROF. VILL. A P AC
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6512 CRAIG ROAD A S
DURHAM 27712 919 471-0865

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DURHAM 27710 919 684-5671

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DURHAM 27710 919 471-0258

HENG, MICHELLE MARIANNA 032
1315 MORREENE RD., #26-F A S
DURHAM 27705 919 383-3037

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DURHAM 27705

HOEHNER, JEFF CARL 032
1914 WALLACE STREET A S
DURHAM 27707 919 489-5909

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DURHAM 27710 919 383-9290

HYER, RANDALL NELMS 032
9A RIVER BIRCH RD. A S
DURHAM 27705 919 383-8602

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11 WILLOWBRIDGE DR. #80 A S
DURHAM 27707 919 493-3695

JOKERST, ELIZABETH SUMNER 032
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DURHAM 27705 919 477-6704

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4800 UNIVERSITY DR. 23M A S
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KAREGEANNES, JAMES CHRISTOPHER 032
BOX 2758, DUMC A S
DURHAM 27710

KAUFMAN, JEFFREY 032
BOX 2878, DUMC A S
DURHAM 27710 919 684-6527

KEITHAHN, STEPHEN TIMOTHY 032
BOX 2760, DUMC A S
DURHAM 27710 919 684-5988

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DURHAM 27710 919 493-0267

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DURHAM 27710

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DURHAM 27707 919 493-9264

LERNER, MARK HARRIS 032
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DURHAM 27710 919 688-5133

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DURHAM 27701 919 688-0527

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DURHAM 27710 919 684-5142

NASTALA, CHET LAWRENCE 032
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DURHAM 27710

NICHOLS, KIM ERIKA 032
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DURHAM 27710 919 286-7611

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DURHAM 27710

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DURHAM 27710 919 383-4055

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DURHAM 27705 919 286-1989

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GREENVILLE 27834 919 756-0842

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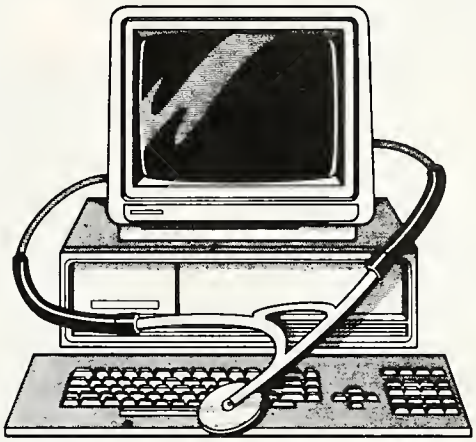
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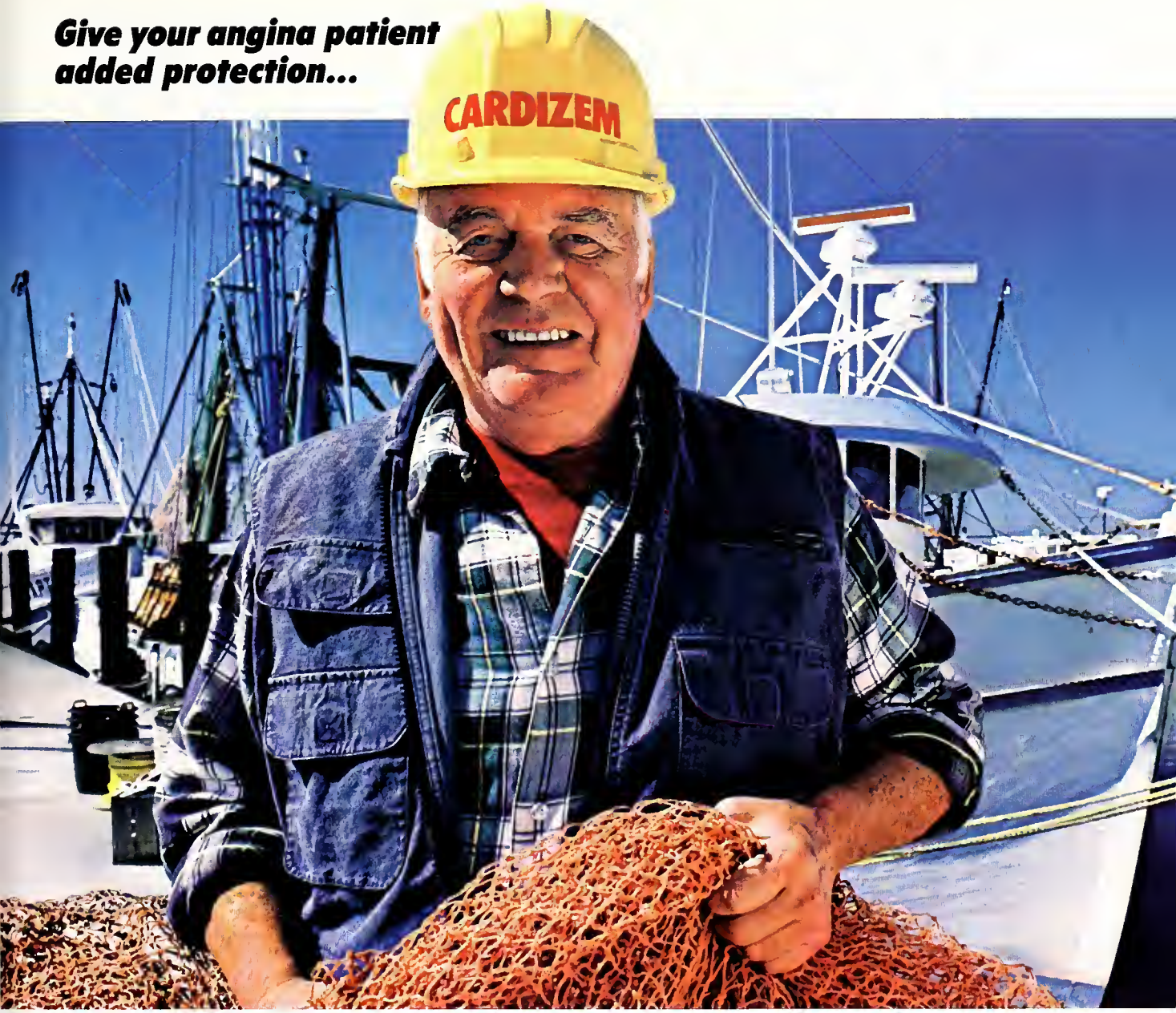
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CARDIZEM®: FEWER SIDE EFFECTS

diltiazem HCl/Marion

- ***The lowest incidence of side effects among the calcium channel blockers*** [1-6]
- ***A safe choice for angina patients with coexisting hypertension, asthma, COPD, or PVD*** [4,7]
- ***Proven efficacy when used alone in angina*** [3]
- ***Compatible with other antianginals*** [8,9*]

****See Warnings and Precautions.***

Please see brief summary of prescribing information on the next page.



CARDIZEM® FEWER SIDE EFFECTS IN ANTIANGINAL THERAPY

diltiazem HCl/Marion

60 mg tid or qid

Brief Summary
Professional Use Information
CARDIZEM®
(diltiazem HCl) 30 mg and 60 mg Tablets
CONTRAINDICATIONS

CARDIZEM is contraindicated in (1) patients with sick sinus syndrome except in the presence of a functioning ventricular pacemaker, (2) patients with second- or third-degree AV block except in the presence of a functioning ventricular pacemaker, and (3) patients with hypotension (less than 90 mm Hg systolic).

WARNINGS

1. ***Cardiac Conduction.*** *CARDIZEM prolongs AV node refractory periods without significantly prolonging sinus node recovery time, except in patients with sick sinus syndrome. This effect may rarely result in abnormally slow heart rates (particularly in patients with sick sinus syndrome) or second- or third-degree AV block (six of 1,243 patients for 0.48%). Concomitant use of diltiazem with beta-blockers or digitalis may result in additive effects on cardiac conduction. A patient with Prinzmetal's angina developed periods of asystole (2 to 5 seconds) after a single dose of 60 mg of diltiazem.*
2. ***Congestive Heart Failure.*** *Although diltiazem has a negative inotropic effect in isolated animal tissue preparations, hemodynamic studies in humans with normal ventricular function have not shown a reduction in cardiac index nor consistent negative effects on contractility (dp/dt). An acute study of oral diltiazem in patients with impaired ventricular function (ejection fraction 24% ± 6%) showed improvement in indices of ventricular function without significant decrease in contractile function (dp/dt). Experience with the use of CARDIZEM alone or in combination with beta-blockers in patients with impaired ventricular function is limited. Caution should be exercised when using the drug in such patients.*
3. ***Hypotension.*** *Decreases in blood pressure associated with CARDIZEM therapy may occasionally result in symptomatic hypotension.*
4. ***Acute Hepatic Injury.*** *In rare instances, significant elevations in enzymes such as alkaline phosphatase, CPK, LDH, SGOT, SGPT, and other symptoms consistent with acute hepatic injury have been noted. These reactions have been reversible upon discontinuation of drug therapy. The relationship to CARDIZEM is uncertain in most cases, but probable in some. (See PRECAUTIONS.)*

PRECAUTIONS

General. *CARDIZEM (diltiazem hydrochloride) is extensively metabolized by the liver and excreted by the kidneys and in bile. As with any new drug given over prolonged periods, laboratory parameters should be monitored at regular intervals. The drug should be used with caution in patients with impaired renal or hepatic function. In subacute and chronic dog and rat studies designed to produce toxicity, high doses of diltiazem were associated with hepatic damage. In special subacute hepatic studies, oral doses of 125 mg/kg and higher in rats were associated with histological changes in the liver which were reversible when the drug was discontinued. In dogs, doses of 20 mg/kg were also associated with hepatic changes; however, these changes were reversible with continued dosing.*

Drug Interaction. *Pharmacologic studies indicate that there may be additive effects in prolonging AV conduction when using beta-blockers or digitalis concomitantly with CARDIZEM. (See WARNINGS.)*

Controlled and uncontrolled domestic studies suggest that concomitant use of CARDIZEM and beta-blockers or digitalis is usually well tolerated. Available data are not sufficient, however, to predict the effects of concomitant treatment, particularly in patients with left ventricular dysfunction or cardiac conduction abnormalities. In healthy volunteers, diltiazem has been shown to increase serum digoxin levels up to 20%.

Carcinogenesis, Mutagenesis, Impairment of Fertility. *A 24-month study in rats and a 21-month study in mice showed no evidence of carcinogenicity. There was also no mutagenic response in in vitro bacterial tests. No intrinsic effect on fertility was observed in rats.*

Pregnancy. *Category C. Reproduction studies have been conducted in mice, rats, and rabbits. Administration of doses ranging from five to ten times greater (on a mg/kg basis) than the daily recommended therapeutic dose has resulted in embryo and fetal lethality. These doses, in some studies, have been reported to cause skeletal abnormalities. In the perinatal/postnatal studies, there was some reduction in early individual pup weights and survival rates. There was an increased incidence of stillbirths at doses of 20 times the human dose or greater.*

There are no well-controlled studies in pregnant women, therefore, use CARDIZEM in pregnant women only if the potential benefit justifies the potential risk to the fetus.

Nursing Mothers. *Diltiazem is excreted in human milk. One report suggests that concentrations in breast milk may approximate serum levels. If use of CARDIZEM is deemed essential, an alternative method of infant feeding should be instituted.*

Pediatric Use. *Safety and effectiveness in children have not been established.*

ADVERSE REACTIONS

Serious adverse reactions have been rare in studies carried out to date, but it should be recognized that patients with impaired ventricular function and cardiac conduction abnormalities have usually been excluded.

In domestic placebo-controlled trials, the incidence of adverse reactions reported during CARDIZEM therapy was not greater than that reported during placebo therapy.

The following represent occurrences observed in clinical studies which can be at least reasonably associated with the pharmacology of calcium influx inhibition. In many cases, the relationship to CARDIZEM has not been established. The most common occurrences as well as their frequency of presentation are: edema (2.4%), headache (2.1%), nausea (1.9%), dizziness (1.5%), rash (1.3%), asthenia (1.2%). In addition, the following events were reported infrequently (less than 1%):

Cardiovascular:	*Angina, arrhythmia, AV block (first degree), AV block (second or third degree — see conduction warning), bradycardia, congestive heart failure, flushing, hypotension, palpitations, syncope.*
Nervous System:	*Amnesia, gait abnormality, hallucinations, insomnia, nervousness, paresthesia, personality change, somnolence, tinnitus, tremor.*
Gastrointestinal:	*Anorexia, constipation, diarrhea, dysgeusia, dyspepsia, mild elevations of alkaline phosphatase, SGOT, SGPT, and LDH (see hepatic warnings), vomiting, weight increase.*
Dermatologic:	*Petechiae, pruritus, photosensitivity, urticaria.*
Other:	*Amblyopia, dyspnea, epistaxis, eye irritation, hyperglycemia, nasal congestion, nocturia, osteoarticular pain, polyuria, sexual difficulties.*

The following postmarketing events have been reported infrequently in patients receiving CARDIZEM: alopecia, gingival hyperplasia, erythema multiforme, and leukopenia. However, a definitive cause and effect between these events and CARDIZEM therapy is yet to be established. *Issued 11/85*

See complete Professional Use Information before prescribing.

References: ***1.*** *Frishman WH, Charlop S, Goldberger J, et al: Comparison of diltiazem and nifedipine for both angina pectoris and systemic hypertension. Am J Cardiol 1985;56:41H-46H.* ***2.*** *Weiner DA, McCabe CH, Cutler SS, et al: The efficacy and safety of high-dose verapamil and diltiazem in the long-term treatment of stable exertional angina. Clin Cardiol 1985;7:648-653.* ***3.*** *Pepine CJ, Feldman RL, Hill JA, et al: Clinical outcome after treatment of rest angina with calcium blockers: Comparative experience during the initial year of therapy with diltiazem, nifedipine, and verapamil. Am Heart J 1983,106(6):1341-1347.* ***4.*** *Cohn PF, Braunwald E: Chronic ischemic heart disease, in Braunwald E (ed): Heart Disease: A Textbook of Cardiovascular Medicine, ed 2. Philadelphia, WB Saunders Co, 1984, chap 39.* ***5.*** *McCall D, Walsh RA, Frohlich ED, et al: Calcium entry blocking drugs: Mechanisms of action, experimental studies and clinical uses. Curr Probl Cardiol 1985;10(8):6-80.* ***6.*** *Chaffman M, Brogden RN: Diltiazem: A review of its pharmacological properties and therapeutic efficacy. Drugs 1985,29:387-454.* ***7.*** *Schroeder JS: Calcium and beta blockers in ischemic heart disease: When to use which. Mod Med 1982;50 (Sept):94-116.* ***8.*** *Shapiro W: Calcium channel blockers: Actions on the heart and uses in ischemic heart disease. Consultant 1984,24(Dec):150-159.* ***9.*** *Johnston DL, Lesoway R, Humen DP, et al: Clinical and hemodynamic evaluation of propranolol in combination with verapamil, nifedipine and diltiazem in exertional angina pectoris: A placebo-controlled, double-blind, randomized, crossover study. Am J Cardiol 1985;55:680-687.*

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Alphabetical List of Members
Fifty Year Club

The House of Delegates of the North Carolina Medical in May of 1953, authorized the Executive Council of the Society to establish a special recognition for those physicians residing in the State of North Carolina who were members currently of the State Medical Society, who had established legal practice of medicine and who had actively practiced medicine during their life time for a period of fifty years,

Listed below in alphabetical order are the names and addresses of those physicians who resided in North Carolina and whom the North Carolina Medical Society has recognized as members of the FIFTY YEAR CLUB of the State Medical Society. This list will be added to from year to year and likewise subtracted from as losses to this club group are sustained and reckoned.

The listing for 1986 only may include Fifty Year Club members who have passed away since their recognition. The list for other years will include only those members surviving.

1968—Lawrence, Benjamin J., Sr., M.D., Pace, VA
Smith, Claiborne Thweat, M.D., Rocky Mount

1969—Hubbard, Frederick Cecil, M.D., Wilkesboro
Marsh, Frank Baker, M.D., Salisbury

1970—Dewar, William Banks, M.D., Raleigh
Lovelace, Thomas Claude, M.D., Henrietta
Lyday, Russell Osborne, M.D., Greensboro

1971—Caviness, Verne Strudwick, M.D., Raleigh
Geddie, Kenneth Baxter, M.D., High Point
Lutterloh, Isaac Hayden, Sr., M.D., Sanford
Norburn, Charles S., M.D., Biltmore

1973—Chidester, A. B., M.D., Hendersonville
Griffin, Harold Walker, M.D., Hickory
Prather, Fonzo Goff, M.D., Asheville
Robertson, John Newton, M.D., Fayetteville
Shaw, John Alexander, M.D., Fayetteville

1974—Best, Deleon Edward, M.D., Goldsboro
Bowles, Francis Norman, M.D., Durham
Goley, Willard Coe, M.D., Graham
Monroe, Clement R., M.D., Pinehurst
Sloan, Allen Barry, M.D., Charlotte

1975—Ader, Ottis Ladeau, M.D., Durham
Dale, Grover Cleveland, M.D., Goldsboro
Hart, Oliver James, Sr., M.D., Winston-Salem
Howard, Corbett Etheridge, M.D., Goldsboro
Little, Lonnie Marcus, M.D., Statesville
Norburn, Russell Lee, M.D., Asheville
Whaley, James Davant, M.D., Hickory

1976—Bennett, Ernest Claxton, M.D., Elizabethtown
Combs, Joseph John, M.D., Raleigh
Davis, Phililp Bibb, M.D., High Point
Nowlin, George Preston, M.D., Charlotte
Royal, Donnie Martin, M.D., Salemburg
Tuggle, Allan Davis, M.D., Charlotte
Young, John Clingman, M.D., Asheville

1977—Battle, Newsome P., M.D., Rocky Mount
Brown, Kermit English, M.D., Asheville
Easom, Herman Franklin, M.D., Wilson
Felton, Robert Lee, Jr., M.D., Carthage
Foster, Malcolm Tennyson, Sr., M.D., Fayetteville
Harbach, Francis Oliver, M.D., Bunn Level
Kempner, Walter, M.D., Durham
Love, J. Grafton, M.D., Rochester, MN
MacRae, John Donald, M.D., Dunedin, FL
Moss, George Oren, M.D., Forest City
Richman, Samuel, M.D., Greensboro

1978—Houser, Forest Melville, M.D., Cherryville
Hunter, John Baldwin, M.D., Shelby
Leonard, Jacob Calvin, Jr., M.D., Lexington
Newland, Charles Logan, M.D., Brevard
Ogburn, Lundie Calvin, M.D., Winston-Salem
Richardson, William Perry, M.D., Chapel Hill

1979—Anthony, William Augustus, M.D., Gastonia
Baldwin, Marie, M.D., Asheville
Covington, John M. C., M.D., Roanoke Rapids
Floyd, William Russel, M.D., Concord
Kendall, Benjamin Horton, M.D., Shelby
Kneedler, William Harding, M.D., Concord
McDowell, Roy Hendrix, M.D., Belmont
Morris, Rae Henderson, M.D., Concord
Rhodes, John Sloan, M.D., Raleigh
Weinzenblatt, Sprinza, M.D., Asheville

1980—Beavers, James Wallace, M.D., Greensboro
Bird, Ignacio, M.D., Greensboro
Bonner, Merle Dumont, M.D., Greensboro
Cathell, Edwin Jennings, M.D., Lexington
Cook, William Eugene, M.D., Fayetteville
Crowell, Lester Avant, Jr., M.D., Lincolnton
Crumpler, James Fulton, M.D., Rocky Mount
Duffy, Charles, M.D., New Bern
Hare, Ransom Bryant, Jr., M.D., Black Mountain
Hendrix, James Paisley, M.D., Durham
Jaynes, Grace S., M.D., Tryon
LeBauer, Maurice Leon, M.D., Greensboro
LeBauer, Sidney Ferring, M.D., Greensboro
Lewis, Clifford Whitfield, M.D., High Point
Orgain, Edward Stewart, M.D., Durham
Owens, Zack Doxey, M.D., Camden
Peede, Alvin Wortham, M.D., Lillington
Roberson, Robert Stuart, M.D., Hazelwood
Robinson, Charles Wilson, M.D., Charlotte
Seay, Hillis Ledbetter, M.D., Huntersville
Shaw, Lloyd R., M.D., Statesville
Wilson, Stephen Glenn, Sr., M.D., Angier

1981—Cranz, Oscar William, M.D., Kinston
Field, Bob Lewis, M.D., Salisbury
Fleming, Laurence Edwin, M.D., Charlotte
Green, Harold D., M.D., Punta Gorda, FL
Hedgpeth, Edward McGowan, M.D., Chapel Hill
Helsabeck, Belmont Augustus, M.D., Winston-Salem

Highsmith, William Cochran, M.D., Fayetteville
Holmes, George Washington, M.D., Winston-Salem
McBryde, Angus Murdoch, M.D., Durham
McLeod, Vida Canaday, M.D., Southern Pines
Owen, Robert Harrison, M.D., Canton
Papineau, Alban, M.D., Plymouth
Paschal, George Washington, Jr., M.D., Raleigh
Prefontaine, J. Edouard, M.D., Greensboro
Redwine, James Daniel, M.D., Lexington
Register, John Francis, M.D., Greensboro
Ruark, Robert James, M.D., Raleigh
Sargent, Winston Arthur Y., M.D., Burnsville
Slate, Marvin Longworth, M.D., High Point
Stroupe, Albertus Ula, Jr., M.D., Mount Holly
Walsh, C. Douglas, M.D., Salilsbury
Williams, John Dudley, Jr., M.D., Greensboro
Wilson, Roeby Bryant, M.D., Gastonia
Young, David Alexander, M.D., Raleigh

1982—Arena, Jay Morris, M.D., Durham
Ayers, James Salisbury, M.D., Clinton
Blackerby, James, M.D., New Bern
Bradley, Harold John, Sr., M.D., Greensboro
Brinkhous, Kenneth Merle, M.D., Chapel Hill
Caldwell, Lawrence McClure, Sr., M.D., Newton
Callaway, Jasper Lamar, M.D., Durham
Cox, Alexander McNeil, M.D., Madison
Fales, Robert Martin, M.D., Wilmington
Ferguson, George Burton, M.D., Durham
Fleming, William Leroy, M.D., Chapel Hill
Gerrard, Robert Lemley, M.D., Greensboro
Graham, Charles Pattison, M.D., Wilmington
Graham, William Alexander, M.D., Durham
Haar, Frederick Behrend, M.D., Greenville
Holbrook, J. Sam, M.D., Statesville
James, Arthur Augustus, Jr., M.D., Sanford
Lund, Herbert Zachareus, M.D., Greensboro
Lupton, Carroll Crescent, M.D., Greensboro
Mayer, Walter Brem, M.D., Charlotte
Montgomery, John Christian, M.D., Charlotte
Paden, Paul Alexander, M.D., Charlotte
Printz, Don Ralph, M.D., Asheville
Robertson, James Mebane, M.D., Harmony
Sox, Carl Caughman, M.D., Kenly
Worley, James Harr, M.D., Asheville
Zealy, A. H., M.D., Goldsboro

1983—Baker, Lenox Dial, Sr., M.D., Durham
Barnhardt, Albert Earl, M.D., Kannapolis
Battle, Margaret E. White, M.D., Rocky Mount
Bellows, Rowland Thompson, M.D., Charlotte
Biggs, John Irvin, M.D., Lumberton
Black, Paul Adrian L., M.D., Wilmington
Boyce, Oren Douglas, M.D., Gastonia
Brown, Walter John, M.D., Pittsboro
Cardwell, Willard, M.D., Greensboro
Conard-Corkey, Elizabeth M., M.D., Charlotte
Dalton, Bennie Booker, M.D., Wrightsville Beach
Dees, John Essary, M.D., Durham
Donnelly, Grant L., M.D., Salisbury
Dunn, Richard Berry, M.D., Climax
Flythe, William Henry, M.D., High Point
Garrison, Ralph Bernard, M.D., Hamlet
Gay, Charles Houston, M.D., Charlotte
Glenn, Channing, M.D., Elizabethtown
Harrill, Henry Clay, M.D., Greensboro
Harris, Isaac Emeron, Jr., M.D., Durham
Hawes, Charles Forest, M.D., Rose Hill
Hawes, G. Aubrey, M.D., Charlotte
Hedgpeth, William Carey, M.D., Lumberton
Henderson-Smathers, Irma C., M.D., Asheville
Hightower, Felda, M.D., Winston-Salem
Jones, O. Hunter, M.D., Charlotte
Jones, Thomas Thweatt, M.D., Durham
Justa, Samuel Harry, M.D., Palm Beach, FL
Kamp, Maurice Arthur, M.D., Charlotte
Leiby, George Martin, M.D., Albermarle
Lore, Ralph Eli, M.D., Lenoir
McKee, Lewis Middleton, M.D., Durham
Monroe, Lance Truman, M.D., Concord
Odom, Guy Leary, M.D., Durham
Olson, Robert Mortimer, M.D., Kenly
Outland, Robert Boone, M.D., Rich Square
Peschel, Ernst, M.D., Durham
Pitts, William Reid, M.D., Charlotte
Raney, Richard Beverly, Sr., M.D., Chapel Hill
Roberts, Roy Foster, M.D., Asheville
Salle, George Frederic, M.D., Greenville
Scheibel, H. Max, M.D., Durham
Shinn, George Clyde, M.D., China Grove
Sinclair, L. Gordon, M.D., Raleigh
Smith, O. Norris, M.D., Greensboro
Stead, Eugene Anson, Jr., M.D., Bullock
Summerlin, Harry Holler, Sr., M.D., Laurinburg
Vance, Shelby William, M.D., Pineola
Verhoeff, Dirk, M.D., Hilton Head Island, SC
Wall, William Stanley, M.D., Rocky Mount
Wearn, Franklin Stafford, M.D., Statesville
Whitaker, James Allen, M.D., Rocky Mount
Wilson, Frank Elmore, M.D., Lenoir City, TN
Wilson, William Lenoir, M.D., Pensacola, FL
Woodard, Barney Lelon, M.D., Kenly
Yurko, Anthony Andrew, M.D., Tryon

1984—Alexander, James Moses, M.D., Charlotte
Barefoot, William Frederick, M.D., Whiteville
Carter, Warren Dallas, M.D., San Jose, CA
Croom, Robert DeVane, Jr., M.D., Maxton
Dees, Susan Coons, M.D., Durham
Hammond, Alfred Franklin, Jr., M.D., New Bern
Jamison, Edgar Lamont, M.D., Asheboro
Lohr, Dermot, M.D., Lexington
Meadows, Joseph Herman, M.D., Wilson
Miller, Malcolm Elmore, M.D., Burlington
Oliver, Joseph Andrew, M.D., Rockwell
Quigless, Milton Douglas, Sr., M.D., Tarboro
Roberson, Edward Leon, M.D., Tarboro
Sain, Fletcher Dover, M.D., Rocky Mount
Schnee, Charles Frederick, M.D., New Bern
Simmons, James Slater, M.D., Sanford
Smith, Roy Meadows, M.D., Greensboro
Taylor, Andrew Duval, M.D., Charlotte
Taylor, Thomas Jefferson, M.D., Roanoke Rapids
Umphlet, Thomas Leonard, M.D., Raleigh
Warwick, Hight Claudius, M.D., Greensboro
Whitaker, Richard Harper, M.D., Kernersville
Wynn, Roy Spurgeon, M.D., Charlotte

1985—Bacon, Harold Lyle, M.D., Bryson City
Bertling, Marion Henry, M.D., Greensboro
Byerly, James Hampton, M.D., Sanford
Campbell, Joseph Lester, M.D., Wilson
Craig, Robert Lawrence, M.D., Asheville
Eyerman, Melvin Frederic, M.D., Winston-Salem
Fisher, Marshall Louis, M.D., New York, NY
Hamrick, John Carl, M.D., Shelby
Kendall, John Harold, M.D., Clinton
King, Duncan Ingraham C., M.D., Hendersonville

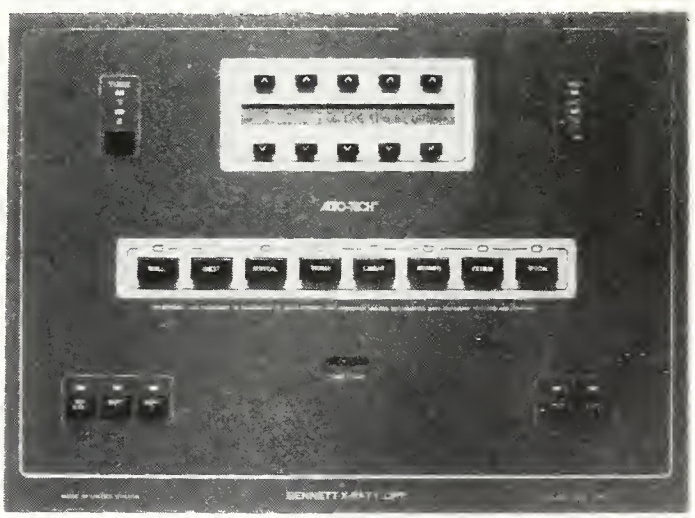
Knoefel, Arthur Eugene, Jr., M.D., Black Mountain
McKenzie, Wayland Nash, M.D., Albemarle
McLeod, Mary Margaret, M.D., Sanford
Mock, Charles Glenn, M.D., Morehead City
Pope, Samuel A., M.D., Beulaville
Powell, E. Charles, M.D., Goldsboro
Reynolds, Ernest Harold, M.D., Reidsville
Roberts, Louis Carroll, M.D., Durham
Rollins, Charles Dick, M.D., Henderson
Royster, Chauncey Lake, M.D., Raleigh
Stephenson, Bennett Edward, M.D., Rich Square
Stevens, Joseph Blackburn, M.D., Greensboro
Stewart, Daniel Niven, Jr., M.D., Hickory
Stewart, John Reagan, M.D., Statesville
Tyson, Woodrow Wilson, M.D., High Point
Williams, Robert, M.D., Raleigh
Wood, Everet Hardenbergh, M.D., Brevard
Wright, John Joseph, M.D., Chapel Hill

1986—Bethel, Millard Baimbridge, M.D., Chapel Hill
Bundy, William Lumsden, M.D., North Wilkesboro
Caldwell, Robert Manfred, M.D., Dobson
Etherington, John Lawrence, M.D., Goldsboro
Fabian, Denis, M.D., Fayetteville
Fuller, Henry Fleming, M.D., Kinston
Glenn, Charles Arthur, M.D., Gastonia
Gunter, June U., M.D., Durham
Harmon, Raymond Harris, M.D., Boone
†Henry, Hector Himel, M.D., Charlotte
Hinman, Havilah Edward, M.D., Skyland
†Hundley, Deane, Jr., M.D., Wallace
Jones, Craig S., M.D., Naples, FL
Massengill, G. K., M.D., Raleigh
McAlister, Jean Colvin, M.D., Greensboro
Miller, Milton Leonard, M.D., Chapel Hill
Morehead, Robert Page, M.D., Winston-Salem
Newell, Robert Bartholomew, M.D., Morehead City
Rogers, Seymour Shulman, M.D., Greensboro
Sealy, Will Camp, M.D., Macon, GA
Troutman, Baxter Suttles, M.D., Lenoir
Verhoeff, Dirk, M.D., Hilton Head, SC
Wadsworth, George Henry, M.D., Ahoskie
Walker, Elmer Pixley, M.D., Wilmington
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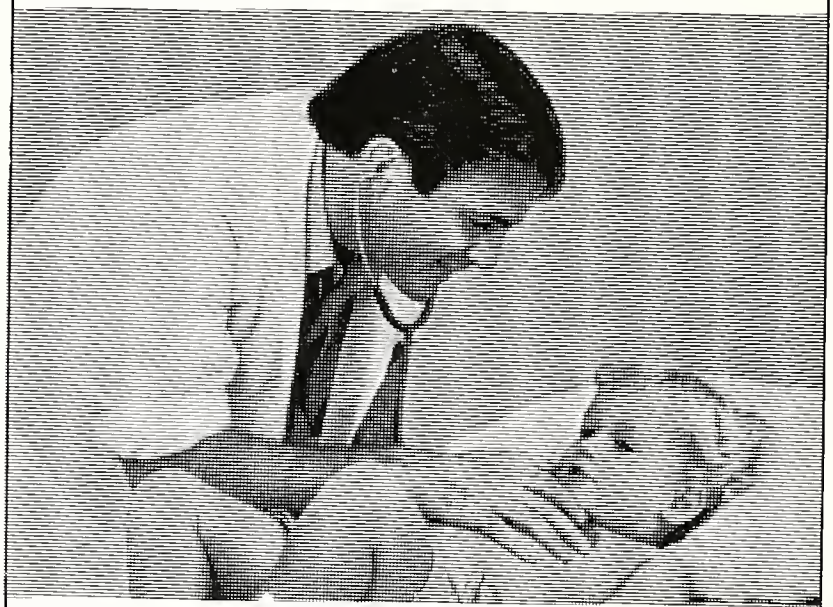
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NOTE: We have endeavored to secure correct information in regard to every physician whose name is listed. Anyone finding an error should report it immediately to the North Carolina Medical Society, 222 N. Person Street, P.O. Box 27167, Raleigh, North Carolina 27611.

(See Page 22 for Key to Specialties)

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DUKE 919 563-9341

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MEBANE 27302
DUKE 919 563-1900

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BURLINGTON 27215
U OF NC 919 229-5341

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780 WOODY DRIVE 60 60 64
GRAHAM 27253
U OF NC 919 228-1354

BYRNETT, JEFFREY WILLIAM GS /VS AC
1624 MEMORIAL DR. 79 80 86
BURLINGTON 27215
OHIO STATE U 919 229-6428

CARTER, ROBERT WILSON IM /CD AC
KERNODLE CLINIC 63 63 69
BURLINGTON 27215
BOWMAN GRAY 919 227-3621

CHAPLIN, DON CLARENCE IM /CD AC
KERNODLE CLINIC, INC. 69 69 73
BURLINGTON 27215
U OF NC 919 227-3621

CHEEK, GEORGE WASHINGTON, JR. GS RT
317 ENGLEMAN 53 62 62
BURLINGTON 27215
U OF PENN 919 584-6551

CHOKSI, JANAK KANTILAL ON /IM AC
405 RUDD ST. B 72 74 85
BURLINGTON 27215
BARODA U 919 226-0276

CRAWFORD, LARRY CLARKE GS /TS AC
316 N. GRAHAM-HOPEDALE RD. 71 71 77
BURLINGTON 27215
BOWMAN GRAY 919 227-3621

CRISSMAN, CLINTON SAMUEL FP L
219 E. ELM STREET 42 42 47
GRAHAM 27253
TEMPLE U 919 226-2448

CRISSMAN, MARK ANDERS FP AC
219 E. ELM ST. 80 81 83
GRAHAM 27253
TEMPLE U 919 226-2448

DAVIS, JACK BEASON P AC
1946 MARTIN STREET 48 52 77
BURLINGTON 27215
HARVARD 919 228-0581

DEL BECCARO, MARIA MARTHA EM AC
ALAMANCE COUNTY HOSPITAL 79 80 86
BURLINGTON 27215
LOYOLA U 919 228-0768

DIMEO, MICHAEL JOSEPH PUD /IM AC
327 GRAHAM-HOPEDALE RD. 73 74 84
BURLINGTON 27215
TUFTS U 919 226-7300

DUSZLAK, EDWARD J., JR. DR AC
819 WARWICK COURT 78 79 83
BURLINGTON 27215
U OF MASS 919 228-1371

EASON, ERNEST BERNARD IM AC
327 N. GRAHAM-HOPEDALE RD. 80 80 77
BURLINGTON 27215
U OF NC 919 226-1658

ELLINGTON, AMZI JEFFERSON, JR. OBG AC
291 N. GRAHAM-HOPEDALE RD. 52 53 56
BURLINGTON 27215
TEMPLE U 919 226-2423

ELLINGTON, ROBERT NORWOOD OBG AC
291 N. GRAHAM-HOPEDALE ROAD 57 57 63
BURLINGTON 27215
DUKE 919 226-2423

GADDY, GEORGE DOUGLAS OPH /OTO AC
1608 MEMORIAL DRIVE 49 53 53
BURLINGTON 27215
MED COLL OF GA 919 226-6321

GOLEY, ALEXANDER FAIRLEY IM AC
1509 VAUGHN ROAD 56 56 62
BURLINGTON 27215
U OF NC 919 228-6000

GOLEY, WILLARD COE FP L
217 N. MAIN STREET 24 24 26
GRAHAM 27253
U OF PENN 919 226-2072

GROBEN, PAMELA ANNE PTH AC
327 GRAHAM-HOPEDALE RD. 77 78 85
BURLINGTON 27215
TULANE U 919 228-1371

GWYNN, THOMAS LEA GP AC
P. O. BOX 340 51 51 55
YANCEYVILLE 27379
BOWMAN GRAY 919 694-6311

HANCOCK, WILLIAM FRANKLIN, JR. PTH AC
1303 W. DAVIS ST. 68 68 73
BURLINGTON 27215
U OF NC 919 226-0196

HANZEL, SAM NS AC
327 GRAHAM-HOPEDALE RD. 49 50 83
BURLINGTON 27215
U OF ILLINOIS 919 228-0156

HARMAN, JOHN SIMON U AC
1610 VAUGHN ROAD 61 68 68
BURLINGTON 27215
MED COLL OF VA 919 227-2761

HARPER, LARRY OLEN IM /END AC
KERNODLE CLINIC, INC. 67 67 73
BURLINGTON 27215
WEST VA U 919 227-3621

HAWKINS, JAMES HUBERT, JR. FP AC
316 1/2 S. MAIN STREET 78 79 82
GRAHAM 27253
U OF NC 919 228-9759

HAWKINS, JAMES HUBERT, SR. GP AC
P. O. BOX 476 46 46 49
GRAHAM 27253
JEFFERSON 919 227-7496

HAYES, JAMES WILLIAM ORS AC
KERNODLE CLINIC 55 55 63
BURLINGTON 27215
U OF NC 919 227-3621

HENDERSON, RICHARD ROBERT D AC
1522 VAUGHN ROAD 61 61 69
BURLINGTON 27215
INDIANA U 919 227-0496

HINES, EDWARD LLOYD ORS /HS AC
723 EDITH STREET 70 72 76
BURLINGTON 27215
GEO WASHINGTON U 919 227-4256

HODGES, JAMES THOMAS ORS AC
GRAHAM-HOPEDALE ROAD 63 63 64
BURLINGTON 27215
BOWMAN GRAY 919 227-3621

JOHNSON, DAVID SANDER PD AC
530 W. WEBB AVENUE 77 08 81
BURLINGTON 27215
U OF TENNESSEE 919 228-8316

JOHNSON, LESLIE DONALD DR AC
733-G COLONY APARTMENTS 69 69 81
BURLINGTON 27215
BOWMAN GRAY 919 227-8111

JOHNSTON, JAMES WILLIAM OBG AC
KERNODLE CLINIC 46 46 52
BURLINGTON 27215
MED COLL OF VA 919 227-3621

JONES, CLARA ISELEY GP L/RT
815 S. FIFTH ST. 45 55 56
MEBANE 27302
MED COLL OF VA 919 563-1080

JONES, DAVID CRAVEN FP AC
202 S. FIFTH STREET 79 82 83
MEBANE 27302
DUKE 919 563-9341

KERNODLE, CHARLES EDWARD, JR. GS L/RT
603 ISLEY PLACE, APT. D 42 44 49
BURLINGTON 27215
DUKE 919 226-4598

KERNODLE, DONALD REED OPH /OTO AC
KERNODLE CLINIC 53 53 59
BURLINGTON 27215
DUKE 919 227-3621

KERNODLE, DWIGHT TALMADGE IM AC
KERNODLE CLINIC 47 47 54
BURLINGTON 27215
DUKE 919 227-3621

KERNODLE, GEORGE WALLACE PD AC
MEDICAL CTR PHARMACY BLDG 45 45 48
BURLINGTON 27215
DUKE 919 226-7608

KERNODLE, HAROLD BARKER, JR. ORS AC
316 N. GRAHAM-HOPEDALE RD. 69 69 77
BURLINGTON 27215
DUKE 919 227-3621

ALAMANCE-CASWELL COMPONENT SOCIETY (Continued)

KERNODLE, JOHN ROBERT GYN L
KERNODLE CLINIC 41 47 49
BURLINGTON 27215
DUKE 919 227-3621

KING, JOHN TALBERT PD /CD RT
404 EDINBURGH DR. 45 51 68
BURLINGTON 27215
MED COLL OF VA 919 226-5197

KOURY, GEORGE ELI IM /CD AC
1821 HILTON ROAD 44 45 51
BURLINGTON 27215
TULANE U 919 226-9300

LEE, DAE HEE FP AC
2142 N. CHURCH STREET 70 70 79
BURLINGTON 27215
YONSEI U 919 227-7456

LINDLEY, JOSEPH J. GS AC
KERNODLE CLINIC 51 52 52
BURLINGTON 27215
MED COLL OF VA 919 227-3621

LONG, EUGENE MONROE, II OBG /OBS AC
KERNODLE CLINIC 63 63 71
BURLINGTON 27215
DUKE 919 226-2423

MANESS, PAUL FRANKLIN PD L
328 W. DAVIS STREET 39 46 49
BURLINGTON 27215
DUKE 919 228-8341

MANN, PHILIP ROGERS FP /IM AC
803 HERMITAGE ROAD 60 62 62
BURLINGTON 27215
U OF VIRGINIA 919 227-3643

MASOUD, JAVED CD /IM AC
723 EDITH STREET 68 68 83
BURLINGTON 27215
LIAQUAT MED COLL 919 229-6486

MATTHEWS, ROLAND D FP AC
1610 VAUGHN ROAD 48 48 53
BURLINGTON 27215
U OF MARYLAND 919 228-8333

MCNIEL, JESSE NEAL P AC
1602 MEMORIAL DRIVE 60 60 74
BURLINGTON 27215
U OF ARKANSAS 919 227-1123

MCQUEEN, ROBERT BRUCE, JR. FP AC
780 WOODY DRIVE 59 60 61
GRAHAM 27253
MED COLL OF VA 919 228-1354

MEBANE, GILES YANCEY FP AC
202 S. FIFTH STREET 54 54 56
MEBANE 27302
DUKE 919 563-9341

MILLER, HOWARD EDWARD ORS AC
723 EDITH STREET 74 75 84
BURLINGTON 27215
SYRACUSE

MILLER, MALCOLM ELMORE OPH /OTO RT
ROUTE #3, BOX 367 34 34 77
MONETA, VA 24121
OHIO STATE U 919 228-0254

MORRIS, GEORGE THOMAS ARNOLD IM AC
711 HERMITAGE ROAD 59 59 66
BURLINGTON 27215
BOWMAN GRAY 919 226-9317

MORRIS, MARY LIDE R/NM AC
440 CEDARWOOD DRIVE 57 57 66
BURLINGTON 27215
BOWMAN GRAY 919 584-9872

MORRISEY, LEMONT FP AC
723 EDITH STREET 81 82 84
BURLINGTON 27215
BOWMAN GRAY 919 229-4791

MUNDY, DONALD ASHFORD AN AC
212 MEADOWOOD DRIVE 67 68 82
BURLINGTON 27215
U OF ALBERTA 919 584-5352

NICOLA, ANDRAOS NICOLA P AC
1946 MARTIN ST. 53 74 86
BURLINGTON 27215
AMERICA U BEIRUT 919 228-0581

OSTROWSKI, EDWARD S. DR AC
831 WARWICK COURT 78 80 86
BURLINGTON 27215
U OF MASS 919 227-1147

PATTERSON, JAMES BENSON D AC
1638 MEMORIAL DR. 76 77 81
BURLINGTON 27215
U OF NC 919 226-8000

PEACE, ROBERT JOSEPH PTH AC
1447 YORK COURT 48 48 83
BURLINGTON 27215
TULANE U 919 584-5171

PHILLIPS, CHARLES WOODROW, JR. FP AC
108 E. MINNEOLA STREET 58 58 70
GIBSONVILLE 27249
U OF NC 919 449-4132

POWELL, JAMES BOBBITT PTH AC
1447 YORK COURT 64 64 74
BURLINGTON 27215
DUKE 919 584-5171

POWELL, THOMAS EDWARD, III PTH AC
P. O. BOX 2536 61 61 77
BURLINGTON 27215
DUKE 919 227-1235

PRUITT, RONALD ANTHONY ORS AC
316 N. GRAHAM-HOPEDALE RD. 59 61 64
BURLINGTON 27215
MED COLL OF VA 919 227-3621

RINKER, GEORGE ERNEST PTH AC
817 COLONIAL DRIVE 65 65 71
BURLINGTON 27215
BOWMAN GRAY 919 584-5171

RIPPY, WILLIAM DENNIS FP AC
1610 VAUGHN ROAD 50 51 52
BURLINGTON 27215
DUKE 919 226-4471

ROSENOW, PHILIP JOHN OBG AC
1616 MEMORIAL DR. 70 79 86
BURLINGTON 27215
EMORY U 919 226-8817

ROSS, DONALD MACCONNELL GS L/RT
1610 VAUGHN ROAD 41 50 50
BURLINGTON 27215
TUFTS U 919 226-8416

RUTH, WAYNE KIMBERLY PUD /IM AC
1214 VAUGHN RD. STE. A 78 79 85
BURLINGTON 27215
DUKE 919 229-4441

RYAN, W. JAMES,II P AC
723 EDITH STREET 72 73 76
BURLINGTON 27215
LA STATE U 919 227-0126

SANKAR, SEEPLAPUTHUR G. GS /CDS AC
1610 VAUGHN RD. 74 81 82
BURLINGTON 27215
PRINCE OF WALES 919 226-3417

SAUNDERS, CHARLES LAWRENCE,JR. GYN AC
1604 MEMORIAL DRIVE 50 50 56
BURLINGTON 27215
JEFFERSON 919 228-6434

SCOTT, CHARLES KIMREY PD /ADL AC
530 W. WEBB AVENUE 66 66 71
BURLINGTON 27215
U OF NC 919 228-8316

SCOTT, SAMUEL EDWIN FP AC
ROUTE #2, BOX 159 63 63 67
BURLINGTON 27215
U OF NC 919 421-3247

SETTLE, PAUL COX FP AC
316 1/2 S. MAIN STREET 78 79 82
GRAHAM 27253
U OF LOUISVILLE 919 228-9759

SMEDBERG, GEORGE ANDREW GS AC
719 HERMITAGE ROAD 46 49 54
BURLINGTON 27215
U OF LOUISVILLE 919 228-7853

SMITH, JARVIS WILTON GS AC
316 GRAHAM-HOPEDALE RD. 80 80 85
BURLINGTON 27215
BOWMAN GRAY 919 227-3621

STONEBURNER, RICHARD GRESHAM GS AC
MEDICAL VILLAGE 42 53 54
BURLINGTON 27215
MED COLL OF VA 919 226-0400

STRICKLAND, JAMES DONALD EM AC
97B DENISE DRIVE 78 78 83
BURLINGTON 27215
TULANE U 919 228-0768

SUTTON, EDWARD COLMERY GYN AC
1616 MEMORIAL DRIVE 51 51 53
BURLINGTON 27215
U OF PENN 919 227-7446

SYDNOR, CHARLES FORD OPH AC
1214 VAUGHN ROAD 69 69 74
BURLINGTON 27215
U OF VIRGINIA 919 228-0254

TATE, ALLEN DENNY, JR. FP AC
1610 VAUGHN ROAD 48 48 50
BURLINGTON 27215
U OF MARYLAND 919 226-4471

THOMAS, MATHAI SOMAN AN AC
393 PORTSMOUTH CT. 77 77 86
BURLINGTON 27215
U OF NC 919 227-6711

VAUGHT, WILLIAM WAYNE, JR OTO /HNS AC
1206 VAUGHN ROAD 68 69 75
BURLINGTON 27215
U OF ILLINOIS 919 226-0660

WADE, EUGENE HENRY PETER FP AC
723 EDITH STREET 81 82 84
BURLINGTON 27215
HOWARD U 919 229-4791

WALKER, JOHN BARRETT, JR. GP AC
MEDICAL VILLAGE 44 48 48
BURLINGTON 27215
MED COLL OF VA 919 228-8333

WALKER, JOHN BARRETT,III IM AC
MEDICAL VILLAGE, SUITE K 75 75 74
BURLINGTON 27215
BOWMAN GRAY 919 226-7384

WALL, JACK GARDNER DR AC
ROUTE #4, BOX 682 68 68 74
GRAHAM 27253
U OF NC 919 226-0198

WASHINGTON, JOHN LANGTRY OBG /FP AC
316 GRAHAM-HOPEDALE RD. 75 75 83
BURLINGTON 27215
U OF ALABAMA 704 739-7445

WATSON, ROBERT ANDREW FP /GER AC
803 HERMITAGE ROAD 53 53 58
BURLINGTON 27215
U OF ROCHESTER 919 227-3643

WILLIAMS, PAUL FORRESTER IM AC
711 HERMITAGE ROAD 55 55 62
BURLINGTON 27215
U OF PENN 919 226-9317

2. ALEXANDER COMPONENT SOCIETY

OFFICERS—**President:** Russell Faulkenberry, M.D., Taylorsville (704 632-9736)
Secretary: Steven C. Merrill, M.D., Taylorsville

CHOONG, HAN PYO GS AC
P. O. BOX 548 61 72 78
503 THIRD STREET, SW
TAYLORSVILLE 28681
KOREA U 704 632-7467

GIVENS, GEORGE HOWARD, JR. FP AC
P. O. BOX 308 47 48 50
TAYLORSVILLE 28681
BOWMAN GRAY 704 632-2270

LONG, WALTER NATHANIEL, JR. FP AC
505 THIRD AVENUE, SW 58 58 63
TAYLORSVILLE 28681
U OF NC 704 632-9736

ALEXANDER COMPONENT SOCIETY (Continued)

MOFFETT, ALEXANDER STUART GS L/RT
70 W. LUCERNE CIR., APT. 409 32 32 43
ORLANDO, FL 32801
VANDERBILT U 305 841-1310

4. ANSON COMPONENT SOCIETY

OFFICERS—**President:** F. A. Burney, M.D., Wadesboro (704 694-2129)
Secretary: F. W. Deen, M.D., Wadesboro

BURROWS, WARREN BOOTH GS /HS AC
PO BOX 696 74 74 85
WADESBORO 28170
COLUMBIA U 704 694-2316

CASTELL, DONALD OVERTON GE AC
96 BEECHWOOD DRIVE 60 61 83
LEWISVILLE 27023
GEO WASHINGTON U 919 748-4612

DAVIS, DANIEL WHITAKER FP AC
402 MORVEN ROAD 59 59 60
WADESBORO 28170
U OF NC 704 694-2129

DAVIS, ROBERT LEE DR /NM AC
515 CAMDEN ROAD 61 61 71
WADESBORO 28170
BOWMAN GRAY 704 694-3597

ERTUGRUL, GULTEKIN GS /TS AC
508 MORVEN ROAD 54 54 72
WADESBORO 28170
ISTANBUL U 704 694-2136

MCKINNON, WILLIAM JAMES GS L/RT
407 S. GREENE ST. 40 46 46
PO BOX 309
WADESBORO 28170
U OF MARYLAND 704 694-2316

NIAZI-SAI, ABDOLHAKIM IM /HEM AC
208 HALL STREET 66 74 78
WADESBORO 28170
U OF TEHRAN 704 694-5159

NORTON, EVE GWENDOLYN EM AC
1152 SHANNON DR. 81 81 84
WADESBORO 28170
U OF CINCINNATI 704 694-5131

SMETHIE, WILLIAM MASSIE, SR. GS L
P. O. BOX 309 39 46 46
WADESBORO 28170
MED COLL OF VA 704 694-2316

SMITH, DAVID TILLERSON PUD L
GENERAL DELIVERY 22 31 31
PAWLEYS ISLAND, S. C. 29585
JOHNS HOPKINS

WILKINS, ROBERT HENRY NS AC
DUMC, DIV. OF NEUROSURGERY 59 59 68
DURHAM 27710
U OF PITTSBURGH 919 684-2549

5. ASHE-ALLEGHANY COMPONENT SOCIETY

OFFICERS—**President:** John H. Chapin, M.D., Lansing (919 982-2158)
Secretary: Jack R. Cahn, M.D., Sparta (919 372-5606)

ASHLEY, GALE JACKSON FP AC
DOCTOR'S OFFICE BUILDING 56 56 58
SPARTA 28675
U OF NC 919 372-4644

CAHN, JACK RICHARD FP AC
ROUTE #1, BOX 439 72 75 79
SPARTA 28675
PENN STATE U 919 372-5606

CHAPIN, JOHN HARMON FP AC
ROUTE #2, BOX 130 52 52 54
LANSING 28643
U OF ALABAMA 919 982-2158

FREEMAN, ROY OSCAR FP AC
P. O. BOX 308 53 53 54
JEFFERSON 28640
BOWMAN GRAY 919 246-7161

HERAVI, CYRUS GS AC
302 HOSPITAL ROAD 62 62 72
SPARTA 28675
U OF TEHRAN 919 372-4343

KURTZ, ELAM STOLTZFUS FP AC
P. O. BOX 227 55 56 56
LANSING 28643
CASE WESTERN RES 919 384-3326

LYON, MARY ELIZABETH FP AC
616 DOCTOR'S STREET 77 78 81
SPARTA 28675
BOWMAN GRAY 919 372-5606

MILLER, CAMERON EUGENE FP /P AC
P. O. BOX 238 46 47 49
JEFFERSON 28640
BOWMAN GRAY 919 246-4746

MILLER, EDWARD JAMES GP AC
P. O. BOX 27 62 62 66
JEFFERSON 28640
U OF NC 919 246-7433

6. AVERY COMPONENT SOCIETY

OFFICERS—**President:** W. C. Tate, M.D., Banner Elk (704 898-4221)
Secretary: Neal L. Shealy, M.D., Crossnore (704 733-0085)

CHAPMAN, ROBERT AMASA FP AC
P. O. BOX 728 55 65 66
BANNER ELK 28604
OHIO STATE U 704 898-4828

DICKSON, ALBERT PICKETT,III FP AC
P. O. BOX 217 52 61 62
NEWLAND 28657
MED COLL OF VA 704 733-9276

FINK, EMMA SLOOP FP L
BOX 160 36 38 38
CROSSNORE 28616
VANDERBILT U 704 733-4367

LITTLEJOHN, MARK HAYS R/NM AC
CANNON MEMORIAL HOSPITAL 61 62 81
BANNER ELK 28604
NORTHWESTERN U 704 898-5823

MORROW, DOROTHY JACKSON PD /A AC
P. O. BOX 95 40 44 79
BANNER ELK 28604
TUFTS U 704 898-9440

MORROW, RUFUS CLEGG OTO /A AC
P. O. BOX 95 38 39 79
BANNER ELK 28604
DUKE 704 898-9440

RAMBO, V. BIRCH GS H
341 PONCE DE LEON NE 52 53 58
ATLANTA, GA 30365
U OF PENN

SMITH, EUSTACE HENRY FP AC
BOX 190 50 51 52
CROSSNORE 28616
MED COLL OF VA 704 733-9297

SMITH, ROBERT CLEMENT IM AC
BOX 248 53 59 59
BANNER ELK 28604
U OF PITTSBURGH 704 898-5588

TATE, WILLIAM CUMMINGS, II GS AC
P. O. BOX 68 72 72 77
BANNER ELK 28604
U OF NC 704 898-4221

VANCE, SHELBY WILLIAM GP L
BOX 70 33 33 47
PINEOLA 28662
EMORY U 704 733-2788

VINSON, DANIEL CASTILE FP AC
P. O. BOX 837 74 74 78
BANNER ELK 28604
U OF NC 704 898-5026

7. BEAUFORT-HYDE-MARTIN-WASHINGTON-TYRRELL COMPONENT SOCIETY

OFFICERS—**President:** Russel C. Cook, M.D., Washington (919 946-4134)
Secretary: David A. DeRochers, M.D., Washington (919 946-2137)

AGEE, ROBERT NELSON GS AC
302 S. MCCASKEY RD. 66 66 86
WILLIAMSTON 27892
OHIO STATE U 919 792-1055

ALLIGOOD, TOBY RAY D/IM AC
1110 HIGHLAND DRIVE 76 76 81
WASHINGTON 27889
BOWMAN GRAY 919 946-4176

AUSTIN, FREDERICK DA COSTA,III IM /ID AC
615 E. 12TH STREET 67 67 86
WASHINGTON 27889
U OF NC 919 946-2101

BEAUFORT-HYDE-MARTIN-WASHINGTON-TYRRELL COMPONENT SOCIETY (Continued)

BALTIMORE, CHAS. LITTLEBURG,JR OPH AC
69 69 77
211 N. MARKET STREET
WASHINGTON 27889
U OF VIRGINIA 919 946-2171

BOYETTE, CHARLES OTIS FP AC
61 62 65
P. O. BOX 310
BELHAVEN 27810
U OF NC 919 943-2651

BRANTLEY, JULIAN CHISOLM,III OBG AC
75 77 79
701 SHOREWOOD DRIVE
WASHINGTON 27889
U OF NC 919 946-6544

CHUNG, WAN SOO GP AC
71 76 78
320 MCCASKEY ROAD
WILLIAMSTON 27892
KOREA U 919 792-1071

COLEMAN, JAMES BARR GS AC
73 73 79
604 W. MAIN STREET
WASHINGTON 27889
U OF NC 919 946-0181

COLEMAN, PHILIP DIVOLL GS /TS AC
68 68 83
625 E. 12TH ST.
WASHINGTON 27889
U OF NC 919 946-0181

CONSTIEN, DANIEL JOHN FP AC
81 83 84
AURORA MEDICAL CENTER
P. O. BOX 40
AURORA 27806
U OF MISSOURI 919 322-4021

COOK, RUSSEL CLIFFORD PD AC
76 76 80
608 E. 12TH STREET
WASHINGTON 27889
BOWMAN GRAY 919 946-4134

DAILEY, MARTEL JENNINGS GP AC
51 51 67
P. O. BOX 744
WILLIAMSTON 27892
MED COLL OF VA 919 792-3388

DESROCHERS, DAVID ALAN R AC
76 77 84
608 E. 12TH STREET
WASHINGTON 27889
CORNELL U 919 946-2137

DYKES, JAMES RUSSELL FP AC
80 81 84
OCRACOKE HEALTH CTR.
PO BOX 543
OCRACOKE 27960
DUKE 919 928-1511

GALUSZKA, ALBIN ADOLPH U AC
42 42 71
604 E. 12TH STREET
WASHINGTON 27889
TUFTS U 919 946-0136

HADLEY, ROBERT PURCELL PTH AC
61 67 68
P. O. BOX 1328
WASHINGTON 27889
U OF VIRGINIA 919 946-9074

HERBERT, PHILIP SIDNEY, JR. P AC
51 53 77
1308 HIGHLAND DRIVE
WASHINGTON 27889
CORNELL U 919 946-8061

HILL, EDWARD FELDIN FP AC
73 74 85
501 W. 15TH ST.
WASHINGTON 27889
WASHINGTON U 919 975-2667

HINDSLEY, J. PACK, JR. U AC
70 70 81
604 E. 12TH STREET
WASHINGTON 27889
U OF VIRGINIA 919 946-0136

JENKINS, JOSEPH MCKENDRIE U AC
74 74 79
604 E. 12TH STREET
WASHINGTON 27889
U OF NC 919 946-0136

JOHNSON, DONALD CARL OPH AC
58 58 64
P. O. BOX 699
WASHINGTON 27889
BOWMAN GRAY 919 946-3111

JONES, ALBERT MCCRAY OBG AC
51 60 61
614 E. 12TH STREET
WASHINGTON 27889
U OF VIRGINIA 919 946-6544

KIM, KYUNG-HWAE OBG AC
60 60 77
P. O. BOX 190
PLYMOUTH 27962
YONSEI U 919 793-1194

LARKIN, ERNEST WADDILL, JR. OPH AC
45 45 51
211 N. MARKET STREET
WASHINGTON 27889
MED COLL OF VA 919 946-2171

LASSITER, TALLY EDWARD FP AC
54 54 57
619 E. 12TH STREET
WASHINGTON 27889
HARVARD 919 946-1193

LIVERMAN, HENRY JOSEPH FP AC
50 50 52
P. O. BOX 218, LAZY LANE
ENGELHARD 27824
U OF LOUISVILLE 919 925-3271

MILLER, GEORGE JOHN, JR. ORS AC
67 69 79
1207 HIGHLAND DRIVE
WASHINGTON 27889
U OF ROCHESTER 919 946-6513

MOORE, PAUL MILTON, JR. FP AC
59 59 63
619 E. 12TH STREET
WASHINGTON 27889
U OF NC 919 946-1146

NG, VICTOR WANG TA FP AC
59 60 62
PO BOX 999
ROBERSONVILLE 27871
BOWMAN GRAY 919 795-3018

NICHOLSON, JAMES EVANS, III FP AC
78 79 84
304 MCCASKEY ROAD
WILLIAMSTON 27892
U OF NC 919 792-8193

NICHOLSON, THOMAS WESTRAY CD /IM AC
70 70 77
615 E. 12TH STREET
WASHINGTON 27889
U OF NC 919 946-2101

OAK, CHANG YOON IM AC
70 70 84
804 WASHINGTON ST.
PO BOX 987
PLYMOUTH 27962
YONSEI U 919 793-9051

PAPINEAU, ALBAN FP L
31 33 34
PLYMOUTH CLINIC
PLYMOUTH 27962
U OF PENN 919 793-4155

PARTRICK, CORNELIUS THEODORE IM /CD AC
54 54 61
615 E. 12TH STREET
WASHINGTON 27889
U OF NC 919 946-2101

†POTTER, CLYDE RANDOLPH GS
54 54 63
P. O. BOX 669
DECEASED -- 5-12-86
WASHINGTON 27889
DUKE 919 946-4258

PUGH, RAEFORD THEODORE FP AC
57 57 61
619 E. 12TH STREET
WASHINGTON 27889
U OF NC 919 946-6486

RHODES, JAMES SLADE, JR. GP L/RT
41 41 46
407 N. SMITHWICK ST.
WILLIAMSTON 27892
MED COLL OF VA 919 792-2036

RILEY, PATRICK MICHAEL AN AC
79 81 83
504 ALDERSON
WASHINGTON 27889
MICHIGAN ST U 919 946-5846

ROBBINS, PHILIP SLOAN P AC
TIDELAND MENTAL HEALTH CENTER
54 55 77
WASHINGTON 27889
CORNELL U 919 946-8061

RODMAN, CLARK IM L/RT
43 43 47
615 E. 12TH STREET
WASHINGTON 27889
JEFFERSON 919 946-2101

SANDY, ROBERT EUGENE R AC
53 59 60
608 E. 12TH STREET
WASHINGTON 27889
U OF PITTSBURGH 919 946-2137

SHELDON, FRANK CHADWICK EM /GS AC
62 62 74
BEAUFORT COUNTY HOSPITAL
EAST 12TH STREET
WASHINGTON 27889
GEO WASHINGTON U 919 946-1911

SILVERTHORNE, RAY GUILFORD OBG L/RT
51 51 55
RT. #2, BOX 35
WASHINGTON 27889
BOWMAN GRAY 919 946-5168

SPEROS, THOMAS LEE FP AC
76 76 79
501 WEST 15TH STREET
WASHINGTON 27889
U OF NC 919 975-2667

SPIRO, PHILIP MARGET GP AC
83 84 85
P. O. BOX 659
COLUMBIA 27925
YALE 919 796-0689

STALLINGS, THOMAS FRANKLIN PD AC
54 54 58
608 E. 12TH STREET
WASHINGTON 27889
HARVARD 919 946-4134

STANTON, ALLIE MCLEOD GS L/RT
43 51 53
DRAWER 925
PLYMOUTH 27962
U OF TENNESSEE 919 793-4125

STEPHENSON, HENRY LOUIS, JR. IM /CD AC
55 55 62
615 E. 12TH STREET
WASHINGTON 27889
U OF NC 919 946-2101

TAYLOE, DAVID THOMAS PD AC
50 50 55
608 E. 12TH STREET
WASHINGTON 27889
U OF PENN 919 946-4134

TAYLOE, JOSHUA OBG AC
61 61 69
614 E. 12TH STREET
WASHINGTON 27889
U OF NC 919 946-6544

TAYLOR, MARSHALL CARNEY DR AC
70 70 79
608 E. 12TH STREET
WASHINGTON 27889
U OF VIRGINIA 919 946-2137

TURNER, WILLIAM PRESTON U AC
80 81 85
604 E. 12TH ST.
WASHINGTON 27889
MED U OF SC 919 946-0136

UM, KI-BONG GP AC
71 76 83
P. O. BOX 625
ROBERSONVILLE 27871
KOREA U 919 795-4192

WALLACE, KELLEY, JR. PS /GS AC
63 63 74
RT. #2, BOX 631
CHOCOWINITY 27817
U OF NC 919 949-2223

WATERS, ZACK JAMES, JR. GS AC
61 61 70
604 E. 12TH STREET
WASHINGTON 27889
U OF MARYLAND 919 946-9004

WRIGHT, JAMES THURMAN GP L
43 43 47
108 FRONT STREET
BELHAVEN 27810
JEFFERSON 919 943-2375

8. BERTIE-GATES-HERTFORD COMPONENT SOCIETY

OFFICERS—**President:** Joselito Almario, M.D., Ahoskie (919 332-6444)
Secretary: Robert C. Kahn, M.D., Ahoskie (919 332-2244)

ALMARIO, JOSELITO U AC
67 67 82
500 N. ACADEMY ST.
AHOSKIE 27910
U OF SANTO TOMAS 919 332-6444

ALSTON, MICHAEL CURTIS FP AC
78 79 82
405 HOLLY HILL RD.
MURFREESBORO 27855
U OF NC 919 398-5167

ANDERSON, ROBERT ALLEN GS L/RT
43 50 51
320 PEMBROKE AVENUE
AHOSKIE 27910
JOHNS HOPKINS 919 332-2884

BERTIE-GATES-HERTFORD COMPONENT SOCIETY (Continued)

BRADSHER, ARTHUR BROWN GS AC
41 51 51
BERTIE COUNTY MEM. HOSPITAL
WINDSOR 27983
MCGILL U 919 794-4539

CLAYTON, MELVIN LOUIS IM /FP AC
73 73 76
P. O. BOX 446
MURFREESBORO 27855
U OF NC 919 398-3323

DARDEN, JAMES LEE, JR. FP AC
47 48 50
ACADEMY ST., MED. ARTS BLDG.
AHOSKIE 27910
BOWMAN GRAY 919 332-3548

DAUGHTRIDGE, TRUMAN GIFFIN R AC
55 56 81
706 WOODLAWN DRIVE
AHOSKIE 27910
TEMPLE U 919 332-8121

EAGLES, ARCHIE YELVERTON IM L
39 46 47
MEDICAL ARTS CENTER
AHOSKIE 27910
DUKE 919 332-4155

FLOOD, ROY DEVONNE FP AC
65 66 73
BOX #7, SPRING BRANCH ROAD
MURFREESBORO 27855
HOWARD U 919 398-3323

FRANK, JOE LEE, JR. R AC
43 55 55
515 S. PEMBROKE AVENUE
AHOSKIE 27910
COLUMBIA U 919 332-2390

FREI, TIMOTHY EDWARD IM AC
79 80 83
AHOSKIE MEDICAL ASSOC., INC.
PO BOX 340
AHOSKIE 27910
JEFFERSON 919 332-4155

GELOT, RAGHUVIR BAXIRAM OTO AC
67 71 78
RT. #1, BOX 6-B
AHOSKIE 27910
BARODA U 919 332-5917

JENKINS, STANLEIGH EDWARD, JR. FP AC
66 66 70
501 HAYES STREET
AHOSKIE 27910
U OF NC 919 357-1226

JONES, COLIN DOUGLAS FP AC
73 73 75
ACADEMY STREET
AHOSKIE 27910
U OF NC 919 332-6138

KAHN, ROBERT CHARLES GS AC
77 79 82
416 CIRCLE DRIVE
AHOSKIE 27910
U OF PENN 919 332-2244

KING, DANA EDWIN FP AC
81 82 84
PO BOX 297
GATESVILLE 27938
U OF KENTUCKY 919 357-1226

LANG, DELANO ROOSEVELT, JR. FP AC
57 57 74
ROANOKE CHOWAN HOSPITAL
AHOSKIE 27910
HOWARD U 919 332-3560

MCLEAN, AUGUSTUS ALEXANDER, JR GP L/RT
45 45 48
P. O. BOX 98
MURFREESBORO 27855
MED COLL OF VA 919 398-3789

PIERCE, CHARLES GRAINGER PD /PDA AC
75 77 73
201 S. COLONY AVENUE
AHOSKIE 27910
U OF NC 919 332-5041

POMERANS, MARK EM /FP AC
64 65 81
407 COLONY AVENUE
AHOSKIE 27910
U OF URUGUAY 919 332-3552

PRINCE, JAMES WILLIAM P AC
81 81 85
805 GARRETT ST. #3
AHOSKIE 27910
EMORY U

QURESHI, AFTAB AHMAD GS /OBG AC
62 62 81
312 S. ACADEMY STREET
AHOSKIE 27910
KING EDWARD COLL 919 332-2244

QURESHI, FAIQA AFTAB PD AC
73 78 83
421 S. PEACHTREE STREET
AHOSKIE 27910
KING EDWARD COLL 919 332-3403

REVELLE, BONNIE CAULKINS PD AC
81 83 85
421 S. PEACHTREE ST.
AHOSKIE 27910
EAST CAROLINA U 919 332-3403

SAUNDERS, JAY FRED FP AC
54 54 64
AULANDER 27805
U OF NC 919 345-3791

SAWYER, CHARLES JUDSON, III FP AC
MEDICAL ARTS CTR., ACADEMY ST. 63 63 67
AHOSKIE 27910
U OF NC 919 332-3548

TAYLOR, JULIAN RALEIGH FP AC
69 69 74
MEDICAL ARTS CENTER
AHOSKIE 27910
BOWMAN GRAY 919 332-3548

WADSWORTH, GEORGE HENRY GS L/RT
36 36 48
P. O. BOX 27
AHOSKIE 27910
U OF CINCINNATI 919 332-2215

WEAVER, JOSEPH DUDLEY FP L/RT
38 39 66
111 N. MAPLE STREET
AHOSKIE 27910
HOWARD U 919 332-2196

WILLIAMS, JAMES MATTHEWS FP AC
79 80 86
PO BOX 213
SUNBURY 27979
EASTERN VA 919 465-8686

9. BLADEN COMPONENT SOCIETY

OFFICERS—**President:** Otha A. Barnhill, M.D., Elizabethtown
Secretary: Robert L. Summerlin, M.D., Dublin (919 862-3528)

BENNETT, ERNEST CLAXTON GP L
26 26 27
P. O. BOX 667
ELIZABETHTOWN 28337
MED COLL OF VA 919 866-4319

BRADLEY, BETTY BRUTON FP AC
79 80 85
P. O. BOX 998
BLADENBORO 28320
DUKE 919 863-3138

CREED, DON WENDELL GP AC
74 76 77
HOSPITAL DRIVE, BOX 1477
ELIZABETHTOWN 28337
MED U OF SC 919 862-8184

ENOJADO, SILVERIO CASTRO,JR. FP AC
61 61 77
P. O. BOX 308
CLARKTON 28433
U OF SANTO TOMAS 919 647-4311

GLENN, CHANNING GP L/RT
33 33 39
P. O. BOX 278
ELIZABETHTOWN 28337
MED COLL OF VA 919 862-3721

LOPES, CLEMENCEAU DE JESUS ABS AC
61 61 74
P. O. BOX 1358
ELIZABETHTOWN 28337
U OF PARANA 919 862-3112

MEINHARDT, RALPH FREDERICK GS AC
53 53 71
P. O. BOX 1146
ELIZABETHTOWN 28337
LOMA LINDA U 919 862-3112

PHILLIPS, BRUCE ALTON, JR. IM /GE AC
67 67 74
P. O. BOX 86
ELIZABETHTOWN 28337
U OF NC 919 862-3212

SHIEH, RICHARD CHEN HAI R AC
54 71 81
HOSPITAL DR.
PO BOX 398
ELIZABETHTOWN 28337
NATL DEF-TAIPEI 919 862-4043

SUMMERLIN, ROBERT LEE FP AC
55 55 58
DUBLIN CLINIC
DUBLIN 28332
U OF NC 919 862-3528

10. BRUNSWICK COMPONENT SOCIETY

OFFICERS—**President:** J. Richard Corbett, M.D., Southport (919 457-5271)
Secretary: Stephen J. Candela, M.D., Supply (919 754-4355)

AZZATO, JOHN ANTHONY ORS AC
70 71 77
112 N. HOWE STREET
SOUTHPORT 28461
JEFFERSON 919 457-4789

BURDETTE, FRED MCPHERSON, JR. GP L/RT
42 47 48
1221 D COLUMBUS CIRCLE
WILMINGTON 28403
MED U OF SC 919 457-6865

CAVEDO, IRVIN WALTERS DR AC
48 48 79
127 OCEAN BOULEVARD, WEST
HOLDEN BEACH 28462
MED COLL OF VA 919 754-8121

CORBETT, JOHN RICHARD R AC
57 57 66
924 HOWE ST.
SOUTHPORT 28461
BOWMAN GRAY 919 457-5271

FORD, BLANCHARD FRED, JR. FP L
38 46 46
P. O. BOX 336
SHALLOTTE 28459
MED U OF SC 919 754-6474

FORSTNER, JAMES ROBERT FP AC
73 74 77
250 EAST 11TH STREET
SOUTHPORT 28461
U OF NC 919 457-9564

GRIMMETT, MATTHEW HILL R/PD AC
43 49 50
829 SHORELINE DRIVE, WEST
SUNSET BEACH 28459
DUKE 919 579-2091

HASSLER, ROBERT EMIEL OBG AC
60 61 85
DOCTORS COMPLEX, #4
SUPPLY 28462
NEW YORK MED COL 919 754-9166

HILZ, MARK DAVID EM AC
81 84 85
BRUNSWICK HOSPITAL
P. O. BOX 139
SUPPLY 28462
U OF CINCINNATI

HORNSTEIN, NORMAN MARK FP L
41 41 49
P. O. BOX 10968
SOUTHPORT 28461
LONDON U 919 457-6744

HSU, NORA HUANG OBG AC
52 52 77
ROUTE #1, BOX 8-B
SUPPLY 28462
PEKING U 919 754-8113

KHAN, MUSHTAQ HUSSAIN GS /GP AC
67 73 78
ROUTE #3, BOX 23
SUPPLY 28462
KAKATIYA MED COL 919 754-8115

BRUNSWICK COMPONENT SOCIETY (Continued)

LANGSTON, BERNARD LEROY, III GP AC
P. O. BOX 1934 72 73 85
SHALLOTTE 28459
MED U OF SC 919 754-8731

SAVARESE, CHARLES JOSEPH, JR. FP /CD AC
P. O. BOX 1948 50 51 78
SHALLOTTE 28459
GEO WASHINGTON U 919 754-8105

WALLIN, GENE AMBROSE FP /EM AC
1004 N. HOWE ST. 65 65 73
SOUTHPORT 28461
U OF TENNESSEE 919 457-6214

ZUKOSKI, ROBERT MICHAEL GS /GYN AC
926 HOWE STREET 77 82 85
SOUTHPORT 28461
JEFFERSON 919 457-5292

11. BUNCOMBE COMPONENT SOCIETY

OFFICERS—**President:** Harold R. Gollberg, M.D., Asheville (704 252-1421)
Secretary: David A. Hester, M.D., Asheville (704 253-6812)
Executive Secretary: Susan Young, P.O. Box 15053, 7 Beechwood Rd., Asheville 28813 (704 252-7038)

ARENDALE, STEPHEN SYDNES DR /NM AC
STE. 301, 445 BILTMORE CENTER 67 67 77
ASHEVILLE 28801
BAYLOR 704 254-2371

ARIAIL, JERRY NOLAN D AC
390 S. FRENCH BROAD AVE. 71 72 77
ASHEVILLE 28801
MED COLL OF GA 704 252-3576

ARMSTRONG, BRUCE GRIFFEY U AC
377 VANDERBILT ROAD 75 75 83
ASHEVILLE 28803
BOWMAN GRAY

ATWATER, JOHN SPENCER, JR. A/PD AC
390 S. FRENCH BROAD AVE. 70 71 77
ASHEVILLE 28801
MED COLL OF GA 704 254-5366

BAGLEY, CARTER SNOW OTO /HNS AC
131 MCDOWELL STREET 59 59 69
ASHEVILLE 28801
U OF VIRGINIA 704 254-3517

BAILEY, JOHN BENNETT PD AC
131 MCDOWELL STREET 75 75 81
ASHEVILLE 28801
U OF TEXAS 704 254-4337

BALDWIN, MARIE P/PN L/RT
23 JETT COURT 29 29 51
ASHEVILLE 28806
MED U OF SC 704 252-2297

BARBER, JOHN FRANCIS GYN AC
93 VICTORIA ROAD 40 41 48
ASHEVILLE 28801
U OF PENN 704 253-4821

BARNHARDT, LUTHER ERNEST, JR. R/NM AC
THE MCDOWELL HOSPITAL 58 58 64
100 RANKIN DR.
MARION 28752
DUKE 704 652-2125

BATE, DAVID SOULE, JR. FP AC
P. O. BOX 537 79 80 85
ARDEN 28704
GEO WASHINGTON U 704 684-0011

BEARDSLEY, THOMAS LEWIS OPH AC
3-C DOCTOR'S PARK 77 80 77
ASHEVILLE 28801
DUKE 704 253-9821

BELL, CAROL ROLAND AN AC
202 DOCTOR'S BUILDING 60 60 70
ASHEVILLE 28801
MED U OF SC 704 254-1969

BERKEY, WILLIAM SALDERUS, JR FP AC
P. O. BOX 786 73 75 75
SKYLAND 28776
LOMA LINDA U 704 684-7801

BERNER, THOMAS EM AC
23 PARK ROAD 68 68 75
ASHEVILLE 28803
JOHNS HOPKINS 704 274-3592

BIGGERS, DAVID CARL PTH AC
MEMORIAL MISSION HOSPITAL 58 58 78
ASHEVILLE 28801
U OF NC 704 255-4270

BILBREY, GEORGE MARVIN, JR CDS /TS AC
257 MCDOWELL STREET 62 62 72
ASHEVILLE 28803
U OF ALABAMA 704 258-1121

BITTER, KARL FFOLLIOTT U AC
1 DOCTOR'S PARK 63 63 71
ASHEVILLE 28801
U OF NC 704 253-5314

BOERNER, ROBERT MARTIN ID /PUD AC
520 BILTMORE AVENUE 61 61 72
ASHEVILLE 28801
U OF NC 704 254-5932

BONNER, JACK WILBUR,III P AC
BOX 1101, HIGHLAND HOSPITAL 65 65 71
ASHEVILLE 28802
U OF TEXAS-SW 704 254-3201

BOWERS, WILLIAM HAMPTON ORS /HS AC
34 GRANBY STREET 66 66 74
ASHEVILLE 28801
U OF NC 704 258-0847

BOYD, ELLEN PD AC
131 MCDOWELL STREET 75 77 79
ASHEVILLE 28801
MED U OF SC 704 254-4337

BRANNAN, WILLIAM CHESTER OBG AC
143 ASHELAND AVENUE 68 69 81
ASHEVILLE 28801
LOMA LINDA U 704 258-9191

BRAZIL, WILBURN OSCAR, JR. U AC
100 VICTORIA ROAD 61 66 67
ASHEVILLE 28801
LA STATE U 704 254-8883

BROSNAN, DENNIS WILLIAM, III OPH AC
2 DOCTOR'S PARK 56 61 61
ASHEVILLE 28801
EMORY U 704 254-9693

BROWN, KERMIT ENGLISH OBG L/RT
398 CHUNNS COVE ROAD 27 27 30
ASHEVILLE 28805
JEFFERSON 704 252-5117

BURKHARDT, NATHAN LESLIE, JR. ORS AC
DOCTOR'S DRIVE 59 66 66
ASHEVILLE 28801
U OF TENNESSEE 704 254-9504

BURNS, MARGARET VIRGINIA P L
146 VICTORIA ROAD 37 48 49
ASHEVILLE 28801
DUKE 704 254-4616

BURT, TERRENCE WILLIAM EM AC
405 WINDSWEPT DR. #703 79 80 85
ASHEVILLE 28801
LA STATE U 704 255-4032

BURTON, HARRY G., III CDS /TS AC
257 MCDOWELL ST. 74 71 85
ASHEVILLE 28803
U OF LOUISVILLE 704 258-1121

BYRON, ROBERT SILL P AC
675 BILTMORE AVENUE 64 64 69
ASHEVILLE 28803
U OF CINCINNATI 704 254-5369

CALLAHAN, RICHARD DALE ON /HEM AC
1 DOCTOR'S DR. 77 78 83
ASHEVILLE 28801
PENN STATE U 704 254-8232

CALLISON, WILLIAM JOSEPH ORS AC
STE. 101, 445 BILTMORE CENTER 53 60 60
ASHEVILLE 28801
VANDERBILT U 704 254-7271

CAMBLOS, JOSHUA F. B. GS /GYN L/RT
17 FOREST ROAD 43 48 49
ASHEVILLE 28803
U OF VIRGINIA 704 274-2794

CAMPBELL, ALLEN BARRY OBG AC
93 VICTORIA ROAD 61 68 68
ASHEVILLE 28801
COLUMBIA U 704 253-4821

CAPPIELLO, DAVID LAWRENCE ORS AC
129 MCDOWELL STREET 64 64 71
ASHEVILLE 28801
CORNELL U 704 258-8800

CARGILE, LESLIE SUMMAR JONES FP AC
RT. #1, BOX 89, LAUREL LANE 82 83 86
BLACK MOUNTAIN 28711
EAST TENN STATE 704 669-5478

CHAPMAN, JESSE PUGH, JR. TS /GS AC
520 BILTMORE AVENUE 43 48 53
ASHEVILLE 28801
U OF PENN 704 252-7357

CHILDERS, TERRY CELY PD AC
131 MCDOWELL ST. 80 82 85
ASHEVILLE 28803
U OF VIRGINIA 704 254-9811

CHIPLEY, PATRICK LINCOLN GP AC
P. O. BOX 399 56 56 58
ENKA 28728
BOWMAN GRAY 704 667-2531

CLAPP, HUBERT LEE GP L
BOX 365 37 38 38
SWANNANOA 28778
MED COLL OF GA 704 686-3300

CLARK, KENNETH JAMES, JR. GE /IM AC
69 MCDOWELL STREET 71 72 78
ASHEVILLE 28801
ST U OF NY-BUFF 704 258-3870

CLARK, TERRENCE PETER CHP /P AC
445 BILTMORE AVE., STE. 304 73 73 75
ASHEVILLE 28801
BAYLOR 704 252-1421

CLAXTON, CALVIN PORTER, JR. CDS /TS AC
257 MCDOWELL STREET 61 61 74
ASHEVILLE 28803
U OF VIRGINIA 704 258-1121

CODNERE, JOHN THOMAS U L/RT
119 CHURCH STREET 38 46 46
BLACK MOUNTAIN 28711
U OF TORONTO 704 669-8721

COLE, WARREN HENRY GS RT
8 W. KENSINGTON ROAD 20 67 68
ASHEVILLE 28804
WASHINGTON U 704 254-4475

COOK, JAMES HOSMER D AC
281 MCDOWELL STREET 63 64 73
ASHEVILLE 28803
U OF IOWA 704 252-5679

CORCORAN, EDWIN EMMONS IM /GE L
69 MCDOWELL STREET 37 46 48
ASHEVILLE 28801
MED U OF SC 704 258-3870

COSTENBADER, WM. B., JR. OTO /HNS AC
131 MCDOWELL STREET 64 64 71
ASHEVILLE 28801
U OF VIRGINIA 704 254-3517

COUGHLIN, JOYCE DESMOND U AC
1 DOCTORS PARK 47 54 54
ASHEVILLE NC 28801
ST U OF NY-BUFF 704 253-5314

CRAIG, ROBERT LAWRENCE P L/RT
16 COLONIAL PLACE 35 35 39
ASHEVILLE 28804
JOHNS HOPKINS

CREWS, HARRY DENNISTON NEP /IM AC
10 MCDOWELL STREET 64 64 72
ASHEVILLE 28801
JOHNS HOPKINS 704 258-8545

BUNCOMBE COMPONENT SOCIETY (Continued)

CRIGLER, NORRIS WOLF, JR. R AC
P. O. BOX 2959 76 76 81
ASHEVILLE 28801
DUKE 704 254-4617

CROSBY, EDWARD BROWN ORS AC
34 GRANBY STREET 68 69 75
ASHEVILLE 28801
U OF ALABAMA 704 258-0847

CROW, SAMUEL LESLIE IM /CD L
110 W. DOCTOR'S BUILDING 25 26 27
ASHEVILLE 28801
EMORY U 704 252-5633

CUMMINGS, CHARLES EMMETT D AC
281 MCDOWELL STREET 58 62 63
ASHEVILLE 28803
LA STATE U 704 252-5676

CUNNINGHAM, MARK ALAN AN AC
202 DOCTOR'S BLDG. 70 72 78
ASHEVILLE 28801
VANDERBILT U 704 254-1969

DAVIS, PHILIP COLEMAN OBG AC
93 VICTORIA ROAD 64 64 72
ASHEVILLE 28801
MED COLL OF VA 704 253-4821

DEALY, DARILYN HEDDEN ID AC
445 BILTMORE CTR., STE. 404 79 79 85
ASHEVILLE 28801
DUKE 704 258-9635

DEAN, JOHN NEWELL IM AC
147 ASHLAND AVENUE 74 75 79
ASHEVILLE 28801
EMORY U 704 258-1188

DEERING, TIMOTHY BRADFORD GE /IM AC
30 CHOCTAW STREET 72 74 78
ASHEVILLE 28801
NEW YORK MED COL 704 254-0881

DIRKERS, JEROME D. IM AC
445 BILTMORE CTR., STE. 103 65 65 75
ASHEVILLE 28801
DUKE 704 253-6745

DODD, PATRICIA GS /GYN AC
211 DOCTOR'S BUILDING 44 54 55
ASHEVILLE 28801
U OF MARYLAND 704 254-3587

DOLAN, DANIEL LYNN IM /CD AC
9 BAIRD MOUNTAIN ROAD WEST 55 55 78
ASHEVILLE 28804
VANDERBILT U 704 658-2677

DOMBY, WILLIAM ROGER PUD /IM AC
30 CHOCTAW STREET 72 73 80
ASHEVILLE 28801
MED COLL OF VA 704 255-7733

DOSS, GEORGE WESTON P AC
HIGHLAND HOSPITAL 53 53 77
P. O. BOX 1101
ASHEVILLE 28802
U OF TEXAS-SW 704 254-3201

DURHAM, CECIL TRACY, JR. N AC
7 MCDOWELL STREET 66 66 74
ASHEVILLE 28801
MED U OF SC 704 255-7776

EGLINTON, DANIEL THOMAS ORS AC
53 S. FRENCH BROAD 78 82 84
ASHEVILLE 28801
U OF NEW MEXICO 704 274-2236

ELLISTON, E. BRUCE AC
172 ASHELAND AVENUE 72 00 74
ASHEVILLE 28801
LOMA LINDA U

ELLISTON, WINSTON LEON AI /PD AC
210 ASHELAND AVE. 73 73 79
ASHEVILLE 28801
LOMA LINDA U 704 253-3382

ELMORE, MILES IM /NEP AC
10 MCDOWELL STREET 71 75 76
ASHEVILLE 28801
MED U OF SC 704 258-8545

FARMER, WOODARD EASON IM L
5 ANGLE STREET 39 47 47
BILTMORE 28803
TULANE U 704 274-2290

FELIX, RICHARD REID P/PYM AC
A-305 DOCTOR'S BUILDING 72 72 79
ASHEVILLE 28801
OHIO STATE U 704 258-3880

FISCHER, MARTIN JOSEPH TS /GS AC
520 BILTMORE AVENUE 61 62 80
ASHEVILLE 28801
WASHINGTON U 704 252-7357

FOWLER, WILLIAM BRIGHT IM AC
675 BILTMORE AVENUE 56 56 63
ASHEVILLE 28803
BOWMAN GRAY 704 252-1830

FOY, DAVID MARK FP AC
STE. 5-F, DOCTOR'S PARK 78 78 79
ASHEVILLE 28801
CASE WESTERN RES 704 252-8885

FRAZIER, CLAUDE ALBEE A AC
DOCTOR'S PARK 44 50 50
ASHEVILLE 28801
MED COLL OF VA 704 254-1650

FRIEDMAN, ALAN DAVID U AC
100 VICTORIA ROAD 68 69 80
ASHEVILLE 28801
U OF ALABAMA 704 254-8883

FRY, JOHN RUDOLPH OPH AC
20/20 PLAZA 59 65 66
90 ASHELAND AVENUE
ASHEVILLE 28801
U OF WISCONSIN 704 253-5656

GALLAGHER, TIMOTHY JOSEPH DR AC
P. O. BOX 2959 69 69 77
103 DOCTOR'S BUILDING
ASHEVILLE 28802
LA STATE U 704 255-4167

GALLOWAY, JAMES BRUCE ORS AC
9 ALL SOULS CRESCENT 44 49 50
ASHEVILLE 28803
QUEENS U 704 274-2236

GAWOROWSKI, JOANNA MARIA P. P AC
HIGHLAND HOSPITAL 67 69 76
P. O. BOX 1101
ASHEVILLE 28802
AKADEMIA U 704 254-3201

GENTLING, PETER ALLEN GS AC
5-D DOCTOR'S PARK 64 64 72
ASHEVILLE 28801
NORTHWESTERN U 704 252-2457

GILBERT, GEORGE GAYLORD U L/RT
1 ST. DUNSTANS ROAD 38 47 47
ASHEVILLE 28803
JOHNS HOPKINS 704 254-3604

GODBOLD, RONALD LEE D AC
281 MCDOWELL STREET 69 69 74
ASHEVILLE 28803
U OF ALABAMA 704 252-5679

GOLLBERG, HAROLD RONALD P/GER AC
445 BILTMORE CENTER, STE. 304 66 66 72
ASHEVILLE 28801
U OF TEXAS 704 252-1421

GOUGH, WILLIAM, III RHU /IM AC
445 BILTMORE CENTER, STE. 306 76 77 83
ASHEVILLE 28801
U OF ROCHESTER 704 258-9533

GRAVATT, BENJAMIN THOMAS AN AC
202 DOCTOR'S BUILDING 79 80 83
ASHEVILLE 28801
U OF PITTSBURGH 704 254-1969

GRAY, CRAIGAN LUTHER OBG AC
143 ASHELAND AVENUE 68 68 78
ASHEVILLE 28801
LOMA LINDA U 704 258-9191

GRIER, MICHAEL WILLIAM GE /IM AC
30 CHOCTAW STREET 69 69 77
ASHEVILLE 28801
U OF SOU CALIF 704 254-0881

GRIFFIN, ROBERT ASHLEY P/N AC
APPALACHIAN HALL, BOX 5534 51 52 56
ASHEVILLE 28813
TEMPLE U 704 253-3681

GRIFFIN, WILLIAM RAY, JR. P/N AC
30 HILLTOP ROAD 44 45 48
ASHEVILLE 28803
JEFFERSON 704 253-3681

GUNTHER, ROBERT CLARENCE AN AC
25 LAWRENCE PLACE 64 64 73
ASHEVILLE 28801
NEW YORK U 704 252-1016

HAMIL, SHARON SWEEDE FP AC
OLD U. S. HIGHWAY 70 79 80 81
BLACK MOUNTAIN 28711
EMORY U 704 669-5478

HAMILTON, WILLIAM GODFREY FP AC
ROUTE #6, BOX 230 66 76 78
FAIRVIEW 28730
U OF LONDON 704 628-2993

HANSCOM, ALFRED CARLETON IM /FP AC
BURGE MOUNTAIN RD. 53 54 81
RT. #5, BOX 89-B
HENDERSONVILLE 28739
LOMA LINDA U 704 693-7623

HAPKE, EDITH JOSEPHINE PUD /IM AC
PARKWAY OFFICE BLDG., STE. 304 56 62 73
ASHEVILLE 28801
FREIEN U 704 254-8878

HARDY, WINFIELD FP AC
P. O. BOX 696 60 61 61
SKYLAND 28776
LOMA LINDA U 704 684-7801

HARTMANN, THOMAS MICHAEL DR AC
180 PATTON MOUNTAIN RD. 80 81 85
ASHEVILLE 28804
EMORY U 704 254-4617

HAZLEHURST, JOHN LIVINGSTON GS AC
16 MCDOWELL STREET 56 56 66
ASHEVILLE 28801
U OF NC 704 252-3366

HENDERSON-SMATHERS, IRMA C. PH L/RT
1295 MERRIMON AVENUE 33 33 35
ASHEVILLE 28804
TULANE U 704 252-0216

HENDERSON, JOHN ARTHUR GS AC
117 RATHFARNHAM CIRCLE 45 45 72
ASHEVILLE 28803
U OF ILLINOIS 704 254-2341

HENDERSON, REX ARTHUR EM AC
36 WEMBLEY ROAD 78 79 85
ASHEVILLE 28804
U OF MIAMI 704 255-3786

HENRY, OZMER LUCAS, JR. IM AC
T B CONTROL UNIT 48 49 56
DIVISION OF HEALTH SERVICES
BLACK MOUNTAIN 28711
BOWMAN GRAY 704 669-3117

HESTER, DAVID ALAN END /IM AC
445 BILTMORE CENTER, STE. 302 73 78 81
ASHEVILLE 28801
U OF OKLAHOMA 704 253-6812

HILL, ARTHUR THEODORE, JR. IM AC
147 ASHLAND AVENUE 56 56 62
ASHEVILLE 28801
BOWMAN GRAY 704 258-1188

HILL, HAYWOOD NORTHROP, JR. IM AC
445-BILTMORE CTR., STE. 407 70 70 77
ASHEVILLE 28801
BOWMAN GRAY 704 258-0397

HINMAN, HAVILAH EDWARD OBG L
P. O. BOX 820 36 36 49
SKYLAND 28776
U OF VERMONT 704 684-6243

HOELSCHER, KENNETH KING PM AC
PO BOX 15025 61 62 85
ASHEVILLE 28813
M C OF WISCONSIN 704 274-2400

HOLT, JOHN PLUMMER FP AC
86 VICTORIA ROAD 56 58 61
ASHEVILLE 28801
MEHARRY MED COLL 704 255-8494

HOOKER, MICHAEL PHILLIP AN AC
RT. #5, BOX 771 80 80 85
ASHEVILLE 28803
U OF OREGON 704 254-1969

HOSKINS, JOHN ROBINSON, III AN L/RT
7 AMHERST RD. 44 50 50
ASHEVILLE 28803
JEFFERSON 704 274-5049

HUBBARD, ROBERT THOMAS FP RT
126 LAKE SHORE DRIVE 43 43 47
ASHEVILLE 28804
TEMPLE U 704 252-5103

BUNCOMBE COMPONENT SOCIETY (Continued)

HUFF, OLSON PD AC
5 FREDERICK STREET 62 66 70
ASHEVILLE 28801
U OF LOUISVILLE 704 258-6091

HUFFMAN, ROBERT EDWARD P AC
146 VICTORIA ROAD 63 63 71
ASHEVILLE 28801
U OF TENNESSEE 704 253-3695

HUFFSTUTTER, WILLIAM MAURICE CHN /N AC
50 DOCTOR'S DR. STE. 210 77 78 84
ASHEVILLE 28801
U OF TENNESSEE 704 252-8983

HUTTO, EDITH D AC
E-11 WOODFIELD 58 59 63
ASHEVILLE 28803
MED U OF SC 704 298-2954

HYDE, SAMUEL ELISHA III IM AC
P. O. BOX 9796 64 64 85
ASHEVILLE 28815
EMORY U 704 298-7911

ISBEY, EDWARD KENNETH, JR. OPH AC
495 BILTMORE AVENUE 55 61 61
ASHEVILLE 28801
WAYNE STATE U 704 258-1586

ISRAEL, JOHN ROBERT PS AC
5 LIVINGSTON STREET 62 62 75
ASHEVILLE 28801
U OF PITTSBURGH 704 253-7000

JAMES, ROGER ALLEN FP AC
946 TUNNEL ROAD 59 66 67
ASHEVILLE 28805
BAYLOR 704 298-7981

JARRETT, DAVID LINCOLN ORS AC
53 S. FRENCH BROAD ST. 63 63 74
ASHEVILLE 28801
LOMA LINDA U 704 252-7180

JOHNSON, RANDALL DIVAN GS /CDS AC
16 MCDOWELL STREET 75 77 83
ASHEVILLE 28801
U OF MICHIGAN 704 252-3366

JONAS, JAROSLAV GEORGE ORS AC
20 BEAVERBROOK ROAD 54 54 82
ASHEVILLE 28804
U OF ZURICH 704 255-0510

KELEHER, MICHAEL FRANCIS GS L/RT
18 MAYWOOD ROAD 40 49 49
ASHEVILLE 28804
U OF COLORADO 704 254-1835

KELLER, CHARLES AUGUSTUS, JR. CDS AC
257 MCDOWELL STREET 59 67 67
ASHEVILLE 28803
LA STATE U 704 258-1121

KELLY, RICHARD BRUCE FP AC
491 BILTMORE AVE. 80 80 85
ASHEVILLE 28801
MED COLL OF OHIO 704 258-0670

KENNEDY, THOMAS FRANCIS R AC
P. O. BOX 2959 68 69 74
ASHEVILLE 28802
U OF MICHIGAN 704 254-4617

KHATRI, DAVE IM /GER AC
549 MERRIMON AVENUE 64 79 80
ASHEVILLE 28801
KASTURBA U 704 253-5685

KILLIAN, JOHN HUME OPH AC
276 E. CHESTNUT STREET 67 67 75
ASHEVILLE 28801
BOWMAN GRAY 704 255-8978

KITTNER, PHILIP JOEL OBG AC
80 VICTORIA ROAD 64 64 71
ASHEVILLE 28801
NEW YORK MED COL 704 255-8900

KNOEFEL, ARTHUR EUGENE, JR. FP L
114 MONTREAT RD. 35 35 38
PO BOX 875
BLACK MOUNTAIN 28711
LA STATE U 704 669-8121

KODACK, ALBERT FP /GYN L
24 SUNSET SUMMIT 40 43 46
ASHEVILLE 28804
U OF TORONTO 704 252-1131

KROLL, LARRY LEROY ORS AC
53 S. FRENCH BROAD ST. 65 66 75
ASHEVILLE 28801
LOMA LINDA U 704 252-7180

KRUEGER, ALAN LEE P AC
CALEDONIA ROAD 67 68 79
P. O. BOX 5534
ASHEVILLE 28813
U OF KANSAS 704 253-3681

KUZMA, GARY ROBERT HS /ORS AC
34 GRANBY STREET 75 75 82
ASHEVILLE 28801
SYRACUSE 704 258-0847

LACY, GEORGE RUFUS, JR. PTH /CLP L/RT
14 FOREST ROAD 43 53 53
ASHEVILLE 28803
U OF PITTSBURGH 704 255-4270

LANSING, ANN MEREDITH IM AC
203-A DOCTORS BLDG. 81 84 85
ASHEVILLE 28801
DUKE 704 255-8835

LAURENS, JOHN CRS AC
445 BILTMORE CENTER, STE. 303 44 44 75
ASHEVILLE 28801
TULANE U 704 258-8181

LAWRENCE, HAL CLIFFORD, III OBG AC
93 VICTORIA ROAD 75 75 79
ASHEVILLE 28801
INDIANA U 704 253-4821

LAWRENCE, JOHN ELMORE, JR. CD /IM AC
554 CHUNNS COVE ROAD 72 74 82
ASHEVILLE 28805
DUKE 704 254-8054

LEAKE, ARTHUR ELDRIDGE, JR. AN AC
54 WESTALL AVENUE 66 66 72
ASHEVILLE 28804
U OF NC 704 255-3743

LEDBETTER, JOHN WINSLOW N AC
7 MCDOWELL STREET 53 53 59
ASHEVILLE 28801
BOWMAN GRAY 704 255-7776

LEE, IL SUNG IM /PUD AC
P. O. BOX 370 66 75 78
ENKA 28728
CATHOLIC U 704 667-5298

LEE, TERRENCE JOHN ID /IM AC
445 BILTMORE CENTER, STE. 404 72 74 79
ASHEVILLE 28801
GEORGETOWN U 704 258-9635

LERNER, PAUL U AC
1 DOCTOR'S PARK 54 61 61
ASHEVILLE 28801
BOSTON U 704 253-5314

LIGON, HAROLD BELTON FP AC
MEDICAL CENTER BUILDING 55 56 56
ASHEVILLE 28801
MED U OF SC 704 252-1585

LINCOLN, DAVID OGDEN ORS AC
41 CHOCTAW STREET 65 67 73
ASHEVILLE 28801
ST U OF NY-BUFF 704 255-7526

LITTLEJOHN, JAMES TALMADGE IM /CD AC
416 DOCTOR'S BUILDING 45 51 52
ASHEVILLE 28801
U OF PENN 704 253-0443

LITZENBERGER, W. A. DREW NPM /PD AC
304-M DOCTOR'S BLDG. 78 82 83
ASHEVILLE 28801
U OF KENTUCKY 704 253-1998

LOOMIS, RALPH CHARLES NS AC
7 MCDOWELL STREET 76 77 83
ASHEVILLE 28801
INDIANA U 704 255-7776

MACALPINE, ORVILLE DUNCAN PD L/RT
98 HOLLY HILL DR. 40 49 49
CANDLER 28715
LOMA LINDA U 704 667-5553

MACATEE, GEORGE, JR. PH /OBG L/RT
20 SUNSET SUMMIT 39 47 47
ASHEVILLE 28804
GEO WASHINGTON U 704 252-4905

MADDOX, CHARLES DEATON IM AC
4-B DOCTOR'S PARK 66 66 78
ASHEVILLE 28801
MED COLL OF GA 704 253-2865

MAITLAND, ALEXANDER, III U AC
1 DOCTOR'S PARK 55 61 62
ASHEVILLE 28801
YALE 704 253-5314

MALONEY, SEAN ROBERT PM AC
50 DOCTORS DR. STE. W-20 80 81 84
ASHEVILLE 28801
EMORY U 704 254-9796

MARTIN, DENNIS LEE N AC
7 MCDOWELL ST. 65 65 74
ASHEVILLE 28801
U OF VIRGINIA 704 255-7776

MARTIN, J. PAUL FP AC
491 BILTMORE AVE. 76 77 85
ASHEVILLE 28801
U. OF ARIZONA 704 258-0670

MASTERS, KIM JAMES P/CHP AC
APPALACHIAN HALL 72 74 85
PO BOX 5534
ASHEVILLE 28813
HARVARD 704 253-3681

MAUNEY, FRANK MAXTON, JR. CDS /TS AC
257 MCDOWELL STREET 59 59 68
ASHEVILLE 28803
DUKE 704 258-1121

MCCALL, WILLIAM HERBERT OPH L
601 CITY BUILDING 38 41 41
ASHEVILLE 28801
MED COLL OF VA 704 253-0421

MCCONNELL, MARY HELEN PD AC
675 BILTMORE AVENUE 50 55 55
ASHEVILLE 28803
GEO WASHINGTON U 704 253-1641

MCCULLOUGH, CHARLES T., JR ORS AC
BONE AND JOINT CLINIC 61 61 71
DOCTOR'S DRIVE
ASHEVILLE 28801
VANDERBILT U 704 254-9504

MCDONOUGH, JAMES MICHAEL PS /GS AC
5 LIVINGSTON STREET 67 71 85
ASHEVILLE 28801
NORTHWESTERN U 704 254-1234

MCDUFFIE, ROBERT STANLEY OBG AC
211 DOCTOR'S BUILDING 44 44 54
ASHEVILLE 28801
EMORY U 704 254-8166

MCGHEE, TERENCE BARCLAY N/IM AC
7 MCDOWELL STREET 76 77 81
ASHEVILLE 28801
MED COLL OF GA 704 255-7776

MCGUIRE, JOHN O'BRIEN GS /CDS AC
16 MCDOWELL STREET 71 72 79
ASHEVILLE 28801
DUKE 704 252-3366

MCKEEL, MILLARD FILMORE NS AC
445 BILTMORE AVE. 49 49 56
ASHEVILLE 28801
U OF ILLINOIS 704 258-8500

MCLEAN, WALTER COPLEY, JR. OPH AC
276 E. CHESTNUT ST. 75 76 82
ASHEVILLE 28801
U OF VIRGINIA 704 255-8978

MCMILLAN, JAMES H. FP AC
206 ASHELAND AVE. 77 78 84
ASHEVILLE 28801
MED COLL OF GA 704 258-8681

MENDELSOHN, STEVEN LOUIS RHU /IM AC
445 BILTMORE CTR., STE. 306 78 79 84
ASHEVILLE 28801
U OF ROCHESTER 704 258-9533

MICHAEL, OTIS BENTLEY IM /CD AC
DOCTOR'S BLDG, SUITE 301 61 63 68
ASHEVILLE 28801
MEHARRY MED COLL 704 255-8947

MOFFATT, ROBERT CARR ON /GS AC
30 VICTORIA ROAD 57 65 66
ASHEVILLE 28801
U OF TENNESSEE 704 258-2464

MONTGOMERY, JAMES HUGH R/IM AC
445 BILTMORE CTR., STE. 301 78 78 85
ASHEVILLE 28801
U OF TENNESSEE 704 255-3565

MONTGOMERY, WAYNE SWOPE ORS AC
BONE & JOINT CLINIC 48 55 55
DOCTOR'S DRIVE
ASHEVILLE 28801
WAYNE STATE U 704 254-9504

BUNCOMBE COMPONENT SOCIETY (Continued)

MOORE, EDWARD EUGENE OPH AC
3 DOCTOR'S PARK 42 47 48
ASHEVILLE 28801
HARVARD 704 252-6741

MORETZ, FRANK HANNON AN AC
202 DOCTOR'S BUILDING 74 76 81
ASHEVILLE 28801
U OF NC 704 254-1969

MORGAN, WILLIAM WATSON, JR. PDS /GS AC
P. O. BOX 15083 61 61 73
ASHEVILLE N C 28813
U OF NC 704 274-4105

MORRIS, ARTHUR SHERMAN, JR. OBG AC
80 VICTORIA ROAD 59 59 69
ASHEVILLE 28801
U OF NC 704 255-8900

MORRISON, ROGER WILLIAM PTH /CLP AC
4 LUCKY LANE 43 51 52
ASHEVILLE 28804
HARVARD 704 255-3943

MOSER, ARTUS MONROE, JR. NEP /IM AC
10 MCDOWELL STREET 64 64 70
ASHEVILLE 28801
U OF NC 704 258-8545

MULLIS, DONALD LEE ORS AC
111 VICTORIA ROAD 72 73 80
ASHEVILLE 28801
U OF MIAMI 704 252-7331

NAGEL, DONALD CHARLES PYM /FP AC
29 RAVENSCROFT DR. STE. 1 72 72 76
ASHEVILLE 28801
U OF NC 704 253-6364

NAILLING, RICHARD CABOT GS /GYN L
5 DOCTOR'S PARK 40 43 44
ASHEVILLE 28801
VANDERBILT U 704 254-6381

NEBLETT, DONALD THOMAS P/PD AC
16 ALL SOULS CRESCENT 58 59 78
ASHEVILLE 28803
U OF TENNESSEE 704 274-1415

NOELL, JOHN STANFORD FP AC
OLD HIGHWAY 70 56 56 83
P. O. BOX 1441
BLACK MOUNTAIN 28711
U OF NC 704 669-3425

NORBURN, CHARLES S. GS L
P. O. BOX 5216 17 24 24
BILTMORE 28803
U OF VIRGINIA 704 272-6204

NORBURN, RUSSELL LEE EM L
1617 HENDERSONVILLE RD. 25 25 27
ASHEVILLE 28803
VANDERBILT U 704 274-3557

NOTO, JOSEPH ANTHONY TS /GS AC
520 BILTMORE AVENUE 61 61 71
ASHEVILLE 28801
U OF PENN 704 252-7357

O'CAIN, CHARLES FRANK PUD /IM AC
30 CHOCTAW STREET 73 74 81
ASHEVILLE 28801
EMORY U 704 255-7733

OLINGER, BENJAMIN RAY OTO AC
131 MCDOWELL STREET 60 67 67
ASHEVILLE 28801
U OF VIRGINIA 704 254-3517

OLSON, PAUL RICHARD FP AC
ROUTE #3, BOX 112 68 77 78
LEICESTER 28748
U OF VERMONT 704 258-0635

OXNER, CLAUDIA GERTRUDE AN AC
DOCTOR'S BUILDING, ROOM #202 56 60 60
ASHEVILLE 28801
MED U OF SC 704 254-1960

PASCHAL, BARTON RILEY ON /HEM AC
ONE DOCTORS DR. 76 76 81
ASHEVILLE 28801
EMORY U 704 254-8232

PATE, BARRY REEVES OTO /HNS AC
285 MCDOWELL STREET 58 59 62
ASHEVILLE 28803
U OF NC 704 252-1853

PAYNE, WINSTON CHARLES OPH AC
20/20 PLAZA,90 ASHLAND AVE. 67 68 74
ASHEVILLE 28801
U OF MICHIGAN 704 253-4735

PETERSON, ERIC WEBSTER P AC
60 FOX CHASE ROAD, WEST 71 71 82
ASHEVILLE 28804
DUKE 704 254-3201

PETERSON, NEIL PAUL R/NM AC
P. O. BOX 2959 79 78 84
ASHEVILLE 28802
NORTHWESTERN U 704 254-4617

PIKE, ISADORE MURRAY ON /HEM AC
80 VICTORIA ROAD 67 68 75
ASHEVILLE 28801
EMORY U 704 258-0994

PORTER, CEDRIC W., JR. OBG /GPM AC
93 VICTORIA ROAD 64 65 73
ASHEVILLE 28801
COLUMBIA U 704 253-4821

POTTS, LEO JOSEPH P AC
P. O. BOX 1101 55 54 82
HIGHLAND HOSPITAL
ASHEVILLE 28802
U OF ADELAIDE 704 254-3201

POWELL, BENJAMIN PHILIP AN AC
421 VANDERBILT ROAD 71 72 79
ASHEVILLE 28803
U OF ALABAMA 704 252-1016

POWELL, JACK GS AC
190 W. DOCTOR'S BUILDING 47 50 54
ASHEVILLE 28801
LOMA LINDA U 704 253-1529

POWELL, JAMES BLACKMON, II HNS /PSF AC
131 MCDOWELL STREET 65 65 74
ASHEVILLE 28801
U OF ALABAMA 704 254-3517

POWELL, WILLIAM FLYNN OPH /OTO L/RT
62 GERTRUDE PLACE 37 46 46
ASHEVILLE 28801
DUKE 704 252-8931

PRATHER, FONZO GOFF GP L/RT
5 FAIRWAY DRIVE 23 23 47
ASHEVILLE 28805
U OF MARYLAND 704 298-4071

PRINTZ, DON RALPH D L/RT
10 DEERFIELD ROAD 32 32 47
ASHEVILLE 28803
OHIO STATE U 704 274-1234

RANKIN, CHARLES ALBERT, JR. OBG AC
80 VICTORIA ROAD 54 67 68
ASHEVILLE 28801
JEFFERSON 704 255-8900

RAPER, JAMES SIDNEY R L/RT
29 MARTINDALE ROAD 38 46 10
ASHEVILLE 28804
DUKE 704 253-0027

RARDIN, THOMAS EDWIN RHU AC
43 OAKLAND ROAD 62 68 72
ASHEVILLE 28801
CASE WESTERN RES 704 253-2824

RATHBUN, LEWIS STANDISH GYN L/RT
93 VICTORIA ROAD 39 47 48
ASHEVILLE 28801
HARVARD 704 253-4821

RICE, LUCIAN CANDLER, JR. IM AC
147 ASHELAND AVENUE 70 71 73
ASHEVILLE 28801
EMORY U 704 258-1188

ROBERTS, ROY FOSTER IM /CD L
P. O. BOX 8127 33 33 35
ASHEVILLE 28814
TULANE U 704 253-6549

ROBERTSON, BRISON OAKLEY, III FP AC
5-F DOCTOR'S PARK 80 81 84
ASHEVILLE 28801
U OF SOU ALA 704 252-8885

ROGERS, DAVID YORK FP /EM AC
115 1/2 MT. CARMEL RD. 77 80 84
ASHEVILLE 28806
HAHNEMANN 704 253-3717

ROSENBERG, JOEL BENJAMIN IM AC
445 BILTMORE CENTER, STE. 305 77 77 81
ASHEVILLE 28801
U OF CONNECTICUT 704 253-1482

ROWE, CHARLES THOMAS DR AC
DOCTOR'S BLDG. STE. 103 68 68 79
PO BOX 2959
ASHEVILLE 28802
U OF VIRGINIA 704 254-4617

RUSSELL, JEFFREY KENT DIA /END AC
445 BILTMORE CENTER, STE. 302 72 72 77
ASHEVILLE 28801
U OF VIRGINIA 704 253-6812

RUSSELL, JOHN HUNTER CD AC
14 MCDOWELL ST. 63 63 71
ASHEVILLE 28801
U OF VIRGINIA 704 254-8054

RUSSELL, PHILIP EVERITT IM /PUD AC
204 DOCTOR'S BUILDING 50 54 54
ASHEVILLE 28801
DUKE 704 253-9371

SAENGER, PAUL JAY ORS AC
50 DOCTORS DRIVE 76 76 85
ASHEVILLE 28801
U OF NC 704 254-9504

SALISBURY, KENT WILLIAM CD /IM AC
14 MCDOWELL STREET 68 68 77
ASHEVILLE 28801
HARVARD 704 254-8054

SANDRIDGE, DAVID ALLEN OBG AC
50 DOCTORS DR. #120 W.ANNEX 65 65 74
ASHEVILLE 28801
MED COLL OF VA 704 255-8900

SAUNDERS, WADE HAMPTON,III CD AC
14 MCDOWELL STREET 67 68 73
ASHEVILLE 28801
DUKE 704 254-8054

SAVORY, PAUL BORRODAILE R AC
102 HOSPITAL DR. STE. 15 47 47 70
CLYDE 28721
MCGILL U 704 274-3628

SCHULHOF, LARY ALAN NS AC
7 MCDOWELL STREET 69 69 75
ASHEVILLE 28801
INDIANA U 704 255-7776

SCHUTTE, HAROLD DELANO PD AC
53 S. FRENCH BROAD AVE. 62 63 63
ASHEVILLE 28801
LOMA LINDA U 704 258-0969

SEALS, DANIEL HILTON IM AC
9 BOTANY VIEW COURT 53 56 57
ASHEVILLE 28805
TEMPLE U 704 298-3907

SELMAN, RICHARD DAVID P AC
HIGHLAND HOSPITAL 72 72 73
P. O. BOX 1101
ASHEVILLE 28802
EMORY U 704 254-3201

SERFAS, DAVID HILL CD AC
14 MCDOWELL ST. 77 77 86
ASHEVILLE 28801
CORNELL U 704 254-8054

SEVERN, HENRY DOELLER ORS L/RT
111 VICTORIA AT OAKLAND ROAD 40 46 47
ASHEVILLE 28801
JOHNS HOPKINS 704 252-7331

SHAMBLIN, WILLIAM JOSEPH, JR CHP /P AC
HIGHLAND HOSPITAL 71 75 76
P. O. BOX 1101
ASHEVILLE 28802
U OF ALABAMA 704 254-3201

SHARPE, EUGENE BAXTER R/NM AC
P. O. BOX 2959 52 52 59
ASHEVILLE 28802
NORTHWESTERN U 704 254-4617

SHIELDS, CHARLES ROBERT PM AC
PO BOX 15025 80 81 84
ASHEVILLE 28813
U OF OKLAHOMA 704 274-2400

SHIREY, JOHN LUTHER A L/RT
NEW LEICESTER HIGHWAY 39 49 50
RT. #4, BOX 1525
ASHEVILLE 28806
JEFFERSON 704 683-2360

SHIVERS, JAMES ALLISON DR /NM AC
STE. 301, 445 BILTMORE CENTER 71 71 77
ASHEVILLE 28801
U OF NC 704 254-2371

BUNCOMBE COMPONENT SOCIETY (Continued)

SHOOK, EARL LESTER, JR. U AC
100 VICTORIA ROAD 52 58 58
ASHEVILLE 28801
NEW YORK MED COL 704 254-8883

SHUFORD, FULLER ADAMS GE /IM AC
49 MCDOWELL ST. 62 62 66
ASHEVILLE 28801
U OF NC 704 258-3870

SIMONS, WILLIAM JOHN ID /IM AC
445 BILTMORE CENTER, STE. 404 72 72 77
ASHEVILLE 28801
U OF NC 704 258-9635

SLOAN, JAMES MARSHALL, III FP AC
942 TUNNEL ROAD 56 56 62
ASHEVILLE 28805
DUKE 704 298-7972

SLUDER, FLETCHER SUMPTER OBG L/RT
472 CHUNN'S COVE ROAD 38 38 46
ASHEVILLE 28805
RUSH MED COLL 704 252-7374

SMITH, EVERETT DUANE GP AC
BOX 1030 53 54 54
CANDLER 28715
LOMA LINDA U 704 667-2526

SMITH, RICHARD LLOYD GE AC
30 CHOCTAW STREET 72 72 79
ASHEVILLE 28801
TULANE U 704 254-0881

SNODDY, WILLIAM RAY FP AC
5-F DOCTOR' PARK 75 77 78
ASHEVILLE 28801
U OF ALABAMA 704 252-8885

SOMMERVILLE, LEWIS CASS FP AC
1425 PATTON AVENUE 54 55 55
ASHEVILLE 28806
LOMA LINDA U 704 254-5385

SPEISER, STEVEN OREN P AC
P. O. BOX 5534 77 81 85
ASHEVILLE 28813
AUTONOMA U 704 253-6856

SPENCER, JOHN PAUL ORS AC
111 VICTORIA AT OAKLAND 72 76 79
ASHEVILLE 28801
U OF CA-DAVIS 704 252-7331

SPRINKLE, LAWRENCE TILSON GP AC
BOX 218, 104 N. MAIN ST. 45 45 48
WEAVERVILLE 28787
JEFFERSON 704 645-3031

SQUIRES, RAYMOND JAY PTH AC
49 FOREST ROAD 69 72 78
ASHEVILLE 28803
EMORY U 704 274-4664

STANLEY, SHERBURN MOORE OM L/RT
ROUTE #1, BOX 5 40 48 50
TODD 28684
MCGILL U 704 264-4274

STEINFELD, JOHN ROBERT DR AC
P. O. BOX 2959 68 68 75
ASHEVILLE 28802
U OF VIRGINIA 704 254-4617

STEPHENS, FREEMAN IRBY IM L/RT
54 SUNSET PARKWAY 40 48 48
ASHEVILLE 28801
COLUMBIA U 704 253-8178

SUMMERLIN, HARRY HOLLER, JR. FP AC
944 TUNNEL ROAD 61 61 66
ASHEVILLE 28805
DUKE 704 298-3090

TAUBER, STUART DAVIS END AC
29 RAVENSCROFT DRIVE 60 60 73
ASHEVILLE 28801
U OF PITTSBURGH 704 258-2404

TEAFORD, MICHAEL JACOB PTH AC
ST. JOSEPH'S HOSPITAL 76 78 83
ASHEVILLE 28801
MED COLL OF GA 704 255-3943

TENNEY, JAMES BERNARD GPM /PH AC
ROUTE #4, BOX 131, HOYT ROAD 60 65 77
ARDEN 28704
HAHNEMANN 704 255-5671

THOMPSON, FRANK ALAN GE /IM AC
W-18 DOCTORS BLDG. 75 76 81
ASHEVILLE 28801
U OF NC 704 258-3871

THORNE, NORMAN ALAN R/NM AC
P. O. BOX 2959 58 58 64
ASHEVILLE 28802
DUKE 704 254-4617

THRASH, WILLIAM VIRGIL IM AC
147 ASHELAND AVENUE 70 71 76
ASHEVILLE 28801
MED COLL OF GA 704 258-1188

TRAMM, JEANNE NORGAARD AN AC
ST. JOSEPH'S HOSPITAL 81 82 85
ASHEVILLE 28801
NORTHWESTERN U 704 252-1016

TROXLER, DAVID HAYS PUD AC
30 CHOCTAW ST. 74 75 85
ASHEVILLE 28801
DUKE 704 255-7733

TURK, ROBERT SPENCER GS AC
3-D DOCTORS PARK 56 56 64
ASHEVILLE 28801
EMORY U 704 258-8206

TURNER, JAMES ANGUS HS /ORS AC
DEPT. OF ORTHOPEDICS 61 61 69
U. S. NAVAL HOSPITAL
JACKSONVILLE, FL 32214
U OF MANITOBA

VALENCIA, RODOLFO CIRINEO IM AC
425-B U. S. HIGHWAY 70 64 64 73
SWANNANOA 28778
U OF SANTO TOMAS 704 686-3881

VAN-BLARICOM, LAWRENCE S. NS AC
445 BILTMORE AVE. 49 58 58
ASHEVILLE 28801
DALHOUSIE U 704 258-8500

VANDERBEEK, RANDALL B. U AC
100 VICTORIA RD. 63 63 72
ASHEVILLE 28801
DUKE 704 254-8883

VOLLMER, DONALD HENRY IM L/RT
DRAWER R 40 49 49
ANDREWS 28901
LOMA LINDA U 704 321-5615

WALLENBORN, PETER AMBROSE,III OTO AC
4 LYNNWOOD ROAD 79 84 85
ASHEVILLE 28804
U OF VIRGINIA 704 252-1853

WALLER, ROBERT JOSEPH TR AC
200 DOCTOR'S BUILDING 73 74 78
ASHEVILLE 28801
GEORGETOWN U 704 255-4100

WALTON, RICHARD FRANK FP AC
430 BILTMORE AVE. 61 63 77
ASHEVILLE 28801
QUEENS U 704 258-0635

WEAST, ROBERT RANDOLPH DR AC
STE. 301, 445 BILTMORE CENTER 70 72 77
ASHEVILLE 28801
U OF PENN 704 254-2371

WEAVER, ZEBULON, III HEM /ON AC
80 VICTORIA ROAD 61 61 65
ASHEVILLE 28801
U OF NC 704 258-0994

WEILBAECHER, JAMES EDWARD, JR. ORS AC
129 MCDOWELL STREET 58 65 75
ASHEVILLE 28801
LA STATE U 704 258-8800

WEISENBERGER, ANTHONY JOSEPH P AC
APPALACHIAN HALL 71 72 82
P. O. BOX 5534
ASHEVILLE 28813
WASHINGTON U 704 253-3681

WEISS, RICHARD ELLIOTT NS AC
7 MCDOWELL STREET 64 64 73
ASHEVILLE 28801
STANFORD U 704 255-7776

WEIZENBLATT, SPRINZA OPH L/RT
C/O TRUST DEPARTMENT 22 29 31
P. O. BOX 2510
ASHEVILLE 28802
U OF WIEN

WELLS, ROBERT STANLEY IM AC
445 BILTMORE CTR., STE. 407 80 83 85
ASHEVILLE 28801
U OF OKLAHOMA 704 258-0397

WHITE, TERRY EDWARD PM AC
ONE ROTARY DR. 80 83 86
ASHEVILLE 28803
U OF MISSOURI 704 274-2400

WILLETT, EUGENE STANLEY ORS AC
111 VICTORIA AT OAKLAND ROAD 69 70 77
ASHEVILLE 28801
MED COLL OF VA 704 252-7331

WILLIAMS, CHARLES EMERY OTO /HNS AC
285 MCDOWELL STREET 63 63 75
ASHEVILLE 28803
LA STATE U 704 252-1853

WILLIAMS, NATHAN EDWARD OBG AC
143 ASHELAND AVE. 79 79 85
ASHEVILLE 28801
CREIGHTON U 704 258-9191

WILSON, CATHERINE MARIE OBG AC
143 ASHELAND AVENUE 63 68 70
ASHEVILLE 28801
LOMA LINDA U 704 258-9191

WILSON, ROEBY BRYANT GP L/RT
1330 W. SECOND AVENUE 31 31 33
GASTONIA 28052
U OF LOUISVILLE 704 865-3940

WITTEN, ERNEST ROBERT SIDNEY IM AC
614 CITY BUILDING 44 44 50
ASHEVILLE 28801
GEORGETOWN U 704 253-5707

WOODARD, MARSHALL WAYNE OPH AC
607 FLATIRON BUILDING 43 54 55
ASHEVILLE 28801
DUKE 704 252-5668

WORLEY, JAMES HARR GS L
675 BILTMORE AVENUE 32 32 35
ASHEVILLE 28803
U OF TENNESSEE 704 254-2361

YODER, CHARLES DEWAYNE PD /NPM AC
50 DOCTOR'S DR., STE. 304M 74 74 78
ASHEVILLE 28801
U OF NC 704 253-1998

YOUNG, JOHN CLINGMAN GP L/RT
271 FAIRWAY DRIVE 26 26 29
ASHEVILLE 28805
U OF TENNESSEE 704 298-8362

YOUNG, MICHAEL HARRILL N/IM AC
50 DOCTOR'S DR., STE. 215 75 78 82
ASHEVILLE 28801
U OF NC 704 252-6066

12. BURKE COMPONENT SOCIETY

OFFICERS—**President:** N. Rudolph Mauney, M.D., Rutherford College
Secretary: Charles N. Simmons, M.D., Rutherford College (704 879-9541)

ABERNATHY, DAVID SMITH /IM AC
341 E. PARKER ROAD 80 81 84
MORGANTON 28655
DUKE 704 433-0225

ANDERSON, LARRY GLENN ORS AC
2203 STERLING ST. 67 71 76
MORGANTON 28655
U OF ILLINOIS 704 437-6500

ARNEY, WILLIAM CHARLES FP L/RT
214 WEST PARK DR. 40 40 42
MORGANTON 28655
U OF MARYLAND 704 437-2972

BURKE COMPONENT SOCIETY (Continued)

BARRON, JOHN ISAAC FP L
P. O. BOX 489 50 51 52
MORGANTON 28655
U OF TENNESSEE 704 437-5641

BOWEN, J. HARTLEY, III PTH AC
208 CAMELOT DRIVE 77 79 83
MORGANTON 28655
JEFFERSON 704 438-2254

BUJOLD, EDWARD JAMES FP AC
12 DUDLEY AVE. 77 84 86
GRANITE FALLS 28630
WAYNE STATE U 704 396-3168

BUKHARI, MUSHTAQ AHMAD GE /IM AC
DOCTOR'S CLINIC 68 75 81
RUTHERFORD COLLEGE
VALDESE 28690
SRINAGAR MED SCH 704 437-8314

CHURCH, JACK LEE R/IM AC
BOX 45, BROUGHTON HOSPITAL 63 64 71
MORGANTON 28655
U OF TENNESSEE 704 433-2256

COLLETT, JAMES ROUNTREE IM /CD AC
2203 S. STERLING ST., STE. 231 44 44 47
MORGANTON 28655
HARVARD 704 437-0121

CROFT, JAMES MORRIS FP AC
P. O. DRAWER 849 64 65 65
MORGANTON 28655
MED COLL OF GA 704 437-9401

CROOM, DORWYN WAYNE, II PTH AC
309 ROBINHOOD DRIVE 76 79 81
MORGANTON 28655
WASHINGTON U 704 438-2128

DAVIS, ANDREW CALVIN OPH AC
335 E. PARKER RD. 79 79 83
MORGANTON 28655
MED U OF SC 704 433-6220

DEATON, PLEASANT PAUL GS AC
PO BOX 700 53 60 60
VALDESE 28690
MED COLL OF VA 704 874-0555

DEEKENS, STEWART ANDREWS, JR. FP AC
350 E. PARKER ROAD 78 81 84
MORGANTON 28655
MED COLL OF VA 704 437-9401

DELLINGER, CLYDE JAMES FP AC
P. O. BOX 8 61 63 64
DREXEL 28619
DUKE 704 437-3634

ELLISON, CARROL WENDELL OBG AC
500 E. PARKER ROAD 68 69 76
MORGANTON 28655
MED COLL OF GA 704 433-5700

FORGY, BYRON KEITH GS AC
341 E. PARKER ROAD 72 74 81
MORGANTON 28655
U OF MIAMI 704 433-6390

FREEMAN, WILLIAM TOWNSEND AN AC
P. O. BOX 2245 53 53 85
MORGANTON 28655
MED U OF SC 704 438-2168

GARROU, BENJAMIN WESLEY, SR. IM /ON AC
P. O. BOX 520 61 61 67
VALDESE 28690
U OF NC 704 874-0522

GLUGOVER, DONALD BENJAMIN ORS AC
76 MONTANYA VIEW 62 62 85
VALDESE 28690
CHICAGO MED SCH 704 874-3379

HAMER, ALFRED WILSON, JR. OBG AC
2203 S. STERLING ST., STE. 132 58 58 65
MORGANTON 28655
U OF NC 704 437-6122

HART, ELZIE FRANKLIN, JR. OTO /PS AC
350 E. PARKER ROAD 67 67 74
MORGANTON 28655
U OF NC 704 433-6410

HOGSHEAD, RALPH, JR. FP AC
P. O. DRAWER 690 43 48 48
MORGANTON 28655
TEMPLE U 704 437-8121

HOWERTON, PHILIP THOMAS R AC
2203 S. STERLING ST., STE.176 58 58 66
MORGANTON 28655
DUKE 704 438-2250

HUDSON, MILES HILDEBRAND FP AC
309 BOUCHARD AVENUE, N.E. 44 44 47
VALDESE 28690
BOWMAN GRAY 704 874-0736

HYDE, AUSTIN TABER A AC
NORRIS-BIGGS CLINIC
RUTHERFORDTON 28139 51 54 57
U OF VIRGINIA 704 286-9036

JACUMIN, WALTER JOE R/NM AC
P. O. BOX 700 66 66 72
VALDESE 28690
MED COLL OF VA 704 879-9541

JARRAH, AZMI SHAFIQ PD /PNP AC
100 MEDICAL HTS. 61 61 74
MORGANTON 28655
AMERICA U BEIRUT 704 433-9630

KATH, PHILIP DOUGLAS OPH AC
335 E. PARKER ROAD 76 77 81
MORGANTON 28655
MAYO MED SCHOOL 704 433-6220

KILBRIDE, KEVIN ANTHONY P/GP AC
BOX 114, BROUGHTON HOSPITAL 61 62 82
MORGANTON 28655
NAT U OF IRELAND 704 433-2476

KIRKSEY, WILLIAM ALBERT GP AC
302 S. KING STREET 44 47 47
MORGANTON 28655
WASHINGTON U 704 437-1850

LAFFERTY, JOHN MORRISON OBG AC
VALDESE DOCTOR'S CLINIC 79 80 76
VALDESE 28690
U OF NC 704 874-2251

LANG, ANDREW MARTIN FP AC
2203 S. STERLING STREET 43 47 47
MORGANTON 28655
MED COLL OF VA 704 437-4211

LEE, CHOO HYUNG IM /HEM AC
BROUGHTON HOSPITAL 48 48 73
MORGANTON 28655
YONSEI U 704 433-2501

LEE, KYUNG KUN GS AC
P. O. BOX 2203 57 57 82
MORGANTON 28655
YONSEI U 704 433-2463

LEE, SAE SOON GS /PDS AC
350 E. PARKER RD. 48 48 70
PO BOX 1054
MORGANTON 28655
YONSEI U 704 437-7395

LINDQUIST, RICHARD KURT OBG AC
2203 S. STERLING ST., STE. 132 59 59 64
MORGANTON 28655
DUKE 704 437-6122

MCGIMSEY, JAMES FRANKS, JR. IM /P AC
106 EDGEWOOD AVENUE 43 44 84
MORGANTON 28655
HARVARD 704 433-2744

MELTON, JAMES DURANT FP AC
ROUTE #3, BOX 50 70 70 86
MORGANTON 28655
U OF NC 704 437-9401

MOORE, WILLIAM MORGAN, III OBG AC
403 S. KING STREET 71 72 78
MORGANTON 28655
MED COLL OF GA 704 433-4661

NEALE, RICHARD CARROLL, JR. PTH /CLP AC
P. O. BOX 249 59 65 66
RUTHERFORD COLLEGE 28671
MED COLL OF VA 704 879-8767

OMER, SYED N/IM AC
BROUGHTON HOSPITAL 51 52 74
MORGANTON 28655
OSMANIA MED COLL 704 433-2284

ORRISON, WILLIAM GRESHAM OPH AC
335 E. PARKER ROAD 69 69 78
MORGANTON 28655
U OF TEXAS 704 433-6220

OWENS, ROBERT CARL IM AC
341 E. PARKER ROAD 79 79 83
MORGANTON 28655
U OF TEXAS 704 433-0225

PETERS, PETER DEMJANTSCHUK GP /EM AC
BROUGHTON HOSPITAL 40 74 78
PO BOX 85
MORGANTON 28655
U OF LATIVA 704 433-2494

PLYLER, EDWARD THURMAN FP AC
2203 S. STERLING ST. 81 82 85
MORGANTON 28655
U OF NC 704 437-4211

POPE, THOMAS DAVID OBG AC
403 S. KING STREET 72 72 80
MORGANTON 28655
BAYLOR 704 433-4661

POWELL, KENNETH ALTON FP AC
P. O. BOX 330 60 60 63
RUTHERFORD COLLEGE 28671
BOWMAN GRAY 704 874-2107

RAYNOR, LEIGHTON ALVIN OPH AC
335 E. PARKER RD. 77 79 83
MORGANTON 28655
U OF NC 704 433-6220

REDDY, SREENIVAS MADDURI IM /ON AC
PO BOX 726 75 75 85
VALDESE 28690
OSMANIA MED COLL 704 874-2921

RIGGS, MILLARD MCADOO FP L/RT
105 WOODSWAY LANE 43 47 47
MORGANTON 28655
DUKE 704 433-1585

SHAH-KHAN, SARDAR MAHMOOD IM /CD AC
303 COLLEGE STREET 61 61 71
MORGANTON 28655
OSMANIA MED COLL 704 437-4261

SIMMONS, CHARLES NUMA R AC
P. O. BOX 271 55 55 79
RUTHERFORD COLLEGE 28671
MED U OF SC 704 879-9541

SPIGGLE, JOHN ALEXANDER U AC
500 E. PARKER ROAD 69 69 77
MORGANTON 28655
U OF TENNESSEE 704 433-5141

STEELE, WALTER FRANKLIN GS /TS AC
VALDESE GENERAL HOSPITAL 66 66 74
VALDESE 28690
U OF NC 704 874-3160

SUH, SANG HYON GS AC
P. O. BOX 266 56 56 75
MORGANTON 28655
YONSEI U 704 433-2235

THOMAS, JAMES JOSEPH PD AC
100 MEDICAL HEIGHTS DR. 56 63 65
MORGANTON 28655
U OF ILLINOIS 704 433-4484

VERNON, JAMES TAYLOR P AC
P. O. BOX 1139 45 45 46
MORGANTON 28655
WASHINGTON U 704 437-4642

WELLBORN, WILLIAM REVERE, JR. OBG AC
300 AVERY AVENUE 42 46 56
MORGANTON 28655
TULANE U 704 437-1924

WHITE, EMMETT ROYCE TR /R AC
BOX 10 54 54 61
RUTHERFORD COLLEGE 28671
BOWMAN GRAY 704 879-9541

WILLIS, LARRY FRANKLIN OPH AC
335 E. PARKER ROAD 68 69 77
MORGANTON 28655
MED COLL OF GA 704 433-6220

WILSON, LAWRENCE STEVEN U AC
VALDESE DOCTORS' CLINIC 77 78 84
P. O. BOX 700
VALDESE 28690
SYRACUSE 704 874-4890

WITHERS, ABNER CARR FP AC
BOX 38 62 62 65
DREXEL 28619
U OF NC 704 437-3694

13. CABARRUS COMPONENT SOCIETY

OFFICERS—**President:** Peter G. Chikes, M.D., Concord (704 782-2166)
Secretary: L. Allan Dobson, M.D., Mt. Pleasant (704 436-6521)

AREY, JOHN VINCENT GYN AC 46 46 51
1054 BURRAGE ROAD, N. E.
CONCORD 28025
HARVARD 704 788-4151

BAKER, LINNY MARSHALL PD /A AC 60 60 64
40 ARDSLEY AVENUE, N.E.
CONCORD 28025
DUKE 704 782-1918

BARNHARDT, ALBERT EARL GP L/RT 33 36 41
2100 S. MAIN ST., #57
KANNAPOLIS 28081
U OF MARYLAND 704 938-4388

BARRIER, CHARLES HAROLD IM AC 79 80 78
56 ARDSLEY AVE., NE
CONCORD 28025
U OF NC 704 782-1101

BARRINGER, ARCHIBALD LIPE FP L/RT 36 37 44
BOX 278
MOUNT PLEASANT 28124
TEMPLE U 704 436-9929

BEAVER, ROBERT HOWELL ORS AC 73 73 83
109 COUNTRY CLUB DR.
CONCORD 28025
U OF TENNESSEE 704 786-5122

BENBOW, JOHN MILLER PD AC 73 75 76
40 ARDSLEY AVENUE, N.E.
CONCORD 28025
DUKE 704 786-1144

BLUM, JEFFREY CLARK DR /IM AC 73 77 80
130 LAKE CONCORD ROAD, NE
P. O. BOX 3345
CONCORD 28025
U OF MARYLAND 704 788-4130

BOBBITT, JAMES DANIEL OPH AC 69 74 77
33 LAKE CONCORD ROAD, N.E.
CONCORD 28025
WEST VA U 704 786-2015

BROWN, JAMES WALTER, JR. OTO /HNS L 41 49 52
633 GRANDVIEW DR., NE
CONCORD 28025
DUKE 704 786-3174

BUONI, JOHN ORIANO OBG AC 63 64 85
1054 BURRAGE RD.
CONCORD 28025
NEW YORK MED COL 704 788-4151

BURCHFIELD, WILLIAM JOHN OPH AC 67 67 73
500 LAKE CONCORD RD., NE
CONCORD 28025
U OF MICHIGAN 704 782-1127

BURKE, DAVID JOSEPH ORS AC 67 68 75
528 LAKE CONCORD ROAD, N. E.
CONCORD 28025
U OF IOWA 704 788-3155

CARROLL, CHARLES FISHER, JR. PTH AC 53 56 59
CABARRUS MEMORIAL HOSPITAL
CONCORD 28025
U OF MARYLAND 704 786-2111

CHALFANT, WILLIAM PAXSON GS /CDS AC 66 66 73
56 LAKE CONCORD ROAD, N.E.
CONCORD 28025
GEO WASHINGTON U 704 786-1104

CHIKES, PETER GEORGE OTO AC 72 72 74
34 ARDSLEY AVE., NE
CONCORD 28025
U OF NC 704 782-2166

COLLINS, DAVID LEONARD GS AC 54 54 62
48 ARDSLEY AVE. NE
CONCORD 28025
HARVARD 704 786-1108

COOKE, JAMES HARBIN, JR. IM AC 76 79 81
130 LAKE CONCORD RD.
CONCORD 28025
DUKE 704 782-3114

CORRELL, EARL EUGENE GP AC 46 47 51
KANNAPOLIS MEDICAL CLINIC
KANNAPOLIS 28081
U OF TENNESSEE 704 933-2101

COTTRELL, WILLIAM MILNES AN AC 75 78 79
758 WILLIAMSBURG DR.
CONCORD 28025
EMORY U 704 786-2111

CRAVEN, FREDERICK THORNS GP L/RT 38 38 40
P. O. BOX 185
CONCORD 28025
NEW YORK U 704 782-2710

CROOK, JOHN NEWMAN GS /CDS AC 66 66 74
56 LAKE CONCORD ROAD
CONCORD 28025
DUKE 704 786-1104

CROSLAND, DAVID BAILEY OBG AC 58 58 64
1054 BURRAGE ROAD, N. E.
CONCORD 28025
U OF NC 704 788-4151

DOBSON, LOLO ALLEN, JR. FP AC 80 81 82
219 S. MAIN ST.
PO BOX 1058
MOUNT PLEASANT 28124
BOWMAN GRAY 704 436-6521

ENGSTROM, GEORGE ALFRED PD AC 59 59 66
40 ARDSLEY AVENUE, N.E.
CONCORD 28025
DUKE 704 786-1145

ERNST, HENRY EDWIN IM AC 43 47 48
167 INGLESIDE DRIVE, S.E.
CONCORD 28025
MED COLL OF VA 704 782-0960

FLOWE, BENJAMIN HUGH GS /TS AC 49 50 58
56 LAKE CONCORD ROAD, N.E.
CONCORD 28025
DUKE 704 786-1105

FLOYD, WILLIAM RUSSEL GS L/RT 29 38 38
P. O. BOX 5347
SPARTANBURG, SC 29301
JEFFERSON 803 583-4732

FORTNEY, SIDNEY RAY IM /END AC 63 63 70
66 LAKE CONCORD ROAD, N.E.
CONCORD 28025
DUKE 704 782-3135

FURR, CARL AUGUSTUS, JR. OBG AC 58 58 66
1054 BURRAGE ROAD, N. E.
CONCORD 28025
U OF NC 704 788-4151

GABLE, RONALD SELMAN OPH AC 65 65 80
33 LAKE CONCORD ROAD, N.E.
CONCORD 28025
MED COLL OF GA 704 786-2015

GALLAGHER, KATHLEEN A. DR AC 76 76 84
130 LAKE CONCORD RD.
P. O. BOX 3345
CONCORD 28025
U OF NC 704 786-0214

GERDES, JOSEPH JOHN DR AC 70 71 76
P. O. BOX 3345
CONCORD 28025
GEORGETOWN U 704 786-0214

HAMMONDS, ROBERT EUGENE OTO /PS AC 58 61 66
113 COUNTRY CLUB DR.
CONCORD 28025
MED COLL OF GA 704 788-2154

HAMRICK, LADD WATTS, JR. IM /NM AC 46 46 46
68 LAKE CONCORD ROAD, N.E.
CONCORD 28025
BOWMAN GRAY 704 782-3135

HARPER, DAVID KEITH OPH AC 81 81 85
500 LAKE CONCORD RD., NE
CONCORD 28025
U OF NC 704 782-1127

HAWKINS, BARRY FUGH IM AC 44 51 52
56 ARDSLEY AVENUE, N.E.
CONCORD 28025
U OF VIRGINIA 704 782-1101

HENRY, HECTOR HIMEL, II U/PD AC 65 65 70
102 LAKE CONCORD ROAD, N.E.
CONCORD 28025
TULANE U 704 786-5133

HUGHES, LYNN ALLEN OTO AC 68 71 73
11 ARDSLEY AVENUE, N. E.
CONCORD 28025
U OF OKLAHOMA 704 788-1103

JENKINS, WANDA LOUISE OBG AC 79 83 83
211 LEPHILLIP COURT
CONCORD 28025
U OF CINCINNATI 704 786-1115

JONES, CLAYTON JOE GYN AC 52 58 59
107 COUNTRY CLUB DRIVE
CONCORD 28025
U OF TENNESSEE 704 786-7158

KABLE, KELVIN DUANE AM /OM AC 53 54 84
927 BURRAGE ROAD
CONCORD, ND 28025
BOWMAN GRAY 704 788-5110

KALDY, PATRICIA MARIE FP AC 80 80 77
P. O. BOX 1058
MOUNT PLEASANT 28124
BOWMAN GRAY 704 436-6521

KEEL, JAMES FRANKLIN, III IM /NM AC 74 78 79
68 LAKE CONCORD ROAD, N.E.
CONCORD 28025
DUKE 704 782-3135

KEIPPER, VINCENT LEE MCCALLA IM AC 73 77 77
56 ARDSLEY AVENUE, N. E.
CONCORD 28025
VANDERBILT U 704 782-1101

KELLING, DOUGLAS GEORGE, JR. IM /PUD AC 72 74 75
68 LAKE CONCORD ROAD, N. E.
CONCORD 28025
HARVARD 704 782-3135

KNEEDLER, WILLIAM HARDING IM L 26 30 47
C/O MR. & MRS. I.B. HUDSON
2305 BYRD ST.
RALEIGH 27608
U OF PENN 704 782-3236

LILES, GEORGE WELCH GS AC 44 44 48
306 PROFESSIONAL BUILDING
KANNAPOLIS 28081
DUKE 704 932-4169

LOCKHART, DAVID ARMISTEAD PD AC 51 53 54
40 ARDSLEY AVENUE, N.E.
CONCORD 28025
DUKE 704 786-1144

LOFTUS, JAMES MORGAN, JR. ORS AC 74 79 79
528 LAKE CONCORD RD., NE
CONCORD 28025
GEORGETOWN U 704 788-3155

LONG, FRANK EDWARD OBG AC 75 75 79
1054 BURRAGE ROAD, N. E.
CONCORD 28025
U OF MARYLAND 704 788-4151

LONG, THOMAS THERON, III GE /IM AC 66 66 75
920 N. CHURCH STREET
CONCORD 28025
BOWMAN GRAY 704 788-4186

MALONE, JOHN HUGH, JR. IM AC 60 60 67
56 ARDSLEY AVENUE, N.E.
CONCORD 28025
DUKE 704 782-1101

MCMURRY, DAVID WILLIS IM AC 82 83 80
130 LAKE CONCORD ROAD
CONCORD 28025
U OF NC 704 782-3114

MCWHORTER, ROBERT LIGON IM AC 47 47 54
68 LAKE CONCORD ROAD, N.E.
CONCORD 28025
DUKE 704 782-3135

MILLER, HAROLD MELTON EM /FP AC 72 73 85
4367 WEDDINGTON RD.
CONCORD 28025
U OF CA-IRVINE 704 786-2111

MONROE, GEORGE CLARKE, III IM AC 75 75 79
470 LAKE CONCORD RD.
CONCORD 28025
BAYLOR 704 786-7122

MONROE, LANCE TRUMAN OBG /OBS L 32 36 38
476 CAMROSE CIRCLE, NE
CONCORD 28025
NEW YORK U 704 782-3717

MORRIS, RAE HENDERSON GP L/RT 29 29 32
111 LOUISE DRIVE, S.E.
CONCORD 28025
JEFFERSON 704 782-4918

CABARRUS COMPONENT SOCIETY (Continued)

NANCE, FREDERICK LEE, JR. GP AC
53 53 56
314 PROFESSIONAL BUILDING
KANNAPOLIS 28081
BOWMAN GRAY 704 932-0211

NICHOLS, SUSAN BETH OBG AC
76 81 82
1054 BURRAGE ROAD, NE
CONCORD 28025
U OF MISSOURI 704 788-4151

OTTENI, GERALD VINCENT DR AC
70 70 76
123 OVERBROOK DRIVE
CONCORD 28025
U OF VIRGINIA 704 786-2111

PANCOTTO, FRANK SALVATORE GE AC
75 76 81
602 KNOLLCREST DR., N.E.
CONCORD 28025
CHICAGO MED SCH 704 788-4186

POWELL, THOMAS WILLIAM GS /CDS AC
74 74 84
109 FOREST CLIFF CT., NE
CONCORD 28025
U OF NC 704 786-1108

PUCKETT, JAMES BUTLER IM /ON AC
74 74 85
68 LAKE CONCORD RD., NE
CONCORD 28025
U OF NC 704 782-3135

QUIGG, GARY RAY IM AC
78 79 82
56 ARDSLEY AVE.
CONCORD 28025
U OF IOWA 704 782-1101

RANKIN, RICHARD BRANDON, JR. OPH AC
53 53 56
500 LAKE CONCORD ROAD
CONCORD 28025
DUKE 704 782-1127

REEVES, WILLIAM JOHN PTH AC
58 58 65
CABARRUS MEMORIAL HOSPITAL
CONCORD 28025
BOWMAN GRAY 704 786-2111

RILEY, DAVID LINDLEY DR AC
73 74 80
130 LAKE CONCORD RD., N. E.
P. O. BOX 3345
CONCORD 28025
MED COLL OF VA 704 786-0214

RITCHIE, HENRY JACKSON GP AC
57 57 65
865 CHURCH STREET, NORTH
CONCORD 28025
U OF NC 704 786-3181

ROSSER, GEORGE THOMAS R AC
62 66 67
1925 TRILLIUM LANE
CHARLOTTE 28211
U OF TENNESSEE 704 786-0214

SELLERS, FRANK BARKLEY ORS AC
59 59 66
528 LAKE CONCORD ROAD, N.E.
CONCORD 28025
BOWMAN GRAY 704 788-3155

SIKES, THOMAS EDWARD, JR. ORS AC
70 71 77
109 COUNTRY CLUB DR., NE
CONCORD 28025
MED COLL OF GA 704 786-5122

STOTKA, VICTOR LEONARD OM /IM AC
55 56 80
2640 SUNNYFIELD DR.
UPPER ST. CLAIR, PA 15241
U OF PITTSBURGH 412 469-9638

SUMNER, ROBERT GRIST IM /CD AC
59 65 66
68 LAKE CONCORD ROAD, N.E.
CONCORD 28025
CORNELL U 704 782-3135

SURRATT, ROBERT WALTER IM AC
78 79 81
56 ARDSLEY AVENUE, N.E.
CONCORD 28025
U OF NC 704 782-1101

SWAN, BILL JOE AN AC
54 60 60
776 WILLIAMSBURG DRIVE
CONCORD 28025
U OF TENNESSEE 704 782-7638

TOMLIN, EDWIN MERRILL U AC
46 56 57
102 LAKE CONCORD ROAD, N.E.
CONCORD 28025
U OF TENNESSEE 704 786-5131

TUTTLE, MARLER SLATE, SR. FP L
38 38 40
206 PROFESSIONAL BUILDING
KANNAPOLIS 28081
TEMPLE U 704 932-7016

WASSEL, JOHN JOSEPH ORS AC
74 81 82
528 LAKE CONCORD ROAD, N.E.
CONCORD 28025
GEORGETOWN U 704 788-3155

WHEATLEY, JAMES WALTER OPH AC
76 76 80
P. O. BOX 3295
500 LAKE CONCORD RD., NE
CONCORD 28025
U OF MARYLAND 704 782-1127

WHITAKER, DONALD NASH, JR. CD AC
75 75 81
140 LECLINE DRIVE, NE
CONCORD 28025
BOWMAN GRAY 704 788-3367

YAP, ELSA DUMAUG PTH AC
63 74 76
CABARRUS MEMORIAL HOSPITAL
CONCORD 28025
CEBA INST OF MED 704 788-5987

ZELLNER, ERIC EUGENE FP /EM AC
74 74 80
103 COUNTRY CLUB DR.
CONCORD 28025
PENN STATE U 704 788-1140

14. CALDWELL COMPONENT SOCIETY

OFFICERS—**President:** Thomas B. Cruden, M.D., Lenoir (704 754-8481)
Secretary: John G. Tye, M.D., Lenoir (704 754-0561)

BELK, ROBERT SAMUEL IM /CD AC
69 69 73
322 MULBERRY ST. SW
PO BOX 1020
LENOIR 28645
MED U OF SC 704 758-5544

BOWEN, JOHN HENRY FP /GP AC
80 82 84
912 CONNELLY SPRINGS ROAD
P. O. BOX 1014
LENOIR 28645
U OF NC 704 728-8224

CARPENTER,KENNETH C. GP AC
47 48 50
P. O. BOX 699
LENOIR 28645
BOWMAN GRAY 704 754-7861

CARSWELL, JANE TRIPLETT FP AC
58 61 61
P. O. BOX 960
LENOIR 28645
MED COLL OF VA 704 754-0541

CRUDEN, THOMAS BERNARD FP AC
74 75 79
401 MULBERRY ST. #200
LENOIR 28645
BAYLOR 704 754-0707

CURTIS, RICHARD FRANKLIN R/NM AC
67 67 83
PO BOX 659
LENOIR 28645
MED U OF SC 704 754-8421

DARSIE, JAMES LEIGH OTO AC
66 66 79
MULBERRY MEDICAL PARK
LENOIR 28645
BAYLOR 704 754-2464

DILL, DAVID LEE DR AC
72 73 77
203 CEDAR ROCK EST. DR.
LENOIR 28645
MED COLL OF GA 704 754-2283

FAIL, PHILIP JACKSON GP AC
59 60 60
913 HARPER AVENUE, S.W.
LENOIR 28645
MED U OF SC 704 758-2353

GRIFFIN, JOSEPH LAIRD OBG AC
72 73 80
P. O. BOX 2640
LENOIR 28645
MED COLL OF GA 704 758-2300

GUERRA, MARC FRANCIS FP AC
80 80 85
912 CONNELLY SPRINGS RD.
LENOIR 28645
ST U OF NY-BUFF 704 728-8224

HAIRFIELD, THEODORE VINCENT GP AC
54 54 62
328 MULBERRY ST., SW
LENOIR 28645
BOWMAN GRAY 704 754-3329

HANCOCK, GEORGE MARVIN GS AC
61 61 76
401 MULBERRY ST. SW, STE. 101
LENOIR 28645
VANDERBILT U 704 758-5501

HICKMAN, HARRY STUART PD L
38 40 42
623 MAIN STREET, S.E.
HUDSON 28638
DUKE 704 728-8484

LORE, RALPH ELI GS L/RT
33 33 37
306 PENNTON AVENUE, S.W.
LENOIR 28645
RUSH MED COLL 704 754-7356

LUTZ, CHARLES LARRY IM /GE AC
70 70 74
P. O. BOX 1020
LENOIR 28645
TULANE U 704 758-5544

MCCORMICK, JOHN THOMAS ORS AC
74 75 80
401 MULBERRY ST. SW. STE. 103
LENOIR 28645
EMORY U 704 758-7091

MCNEILL, DONALD DRAKE, JR. PTH /CLP AC
65 65 72
P. O. DRAWER 680
LENOIR 28645
U OF NC 704 754-7063

METZGER, GEORGE ANDREW IM /NEP AC
72 74 78
322 MULBERRY ST., SW
PO BOX 1020
LENOIR 28645
U OF MARYLAND 704 758-5544

MILLSAPS, DAVID MCIVER PD AC
77 79 80
226-H MORGANTON BOULEVARD
LENOIR 28645
DUKE 704 758-5111

MORGAN, NANCY ELAINE FP AC
79 81 84
401 MULBERRY ST., SW, STE. 200
LENOIR 28645
OHIO STATE U 704 754-0707

MOSS, PAUL N. GP AC
54 54 55
541 MAIN ST.
HUDSON 28638
BOWMAN GRAY 704 728-3551

NEWMAN, ROBERT HENRY DR AC
76 76 81
PO BOX 659
LENOIR 28645
INDIANA U 704 754-2283

OLIVER, FRANCIS THEODORE AN /PH AC
53 54 85
217 MT. CIRCLE DR.
LENOIR 28645
ST U OF NY-BUFF 704 754-8421

ROACH, ROBERT BURCHELL GS AC
43 43 51
401 MULBERRY ST. SW, STE.101
LENOIR 28645
TEMPLE U 704 758-5501

ROGERS, ROBERT LEE, JR OBG AC
57 63 64
P. O. BOX 2640
LENOIR 28645
MED COLL OF GA 704 758-2309

SCHEIL, CHARLES PHILIP FP AC
58 58 64
P. O. BOX 960
LENOIR 28645
DUKE 704 754-0541

SHULL, LONNIE NEWELL, JR. GS AC
69 69 76
401 MULBERRY ST. SW, STE. 101
LENOIR 28645
MED U OF SC 704 758-5501

STALHEIM, RODNEY MARTIN IM /CD AC
71 72 80
322 MULBERRY ST., SW
PO BOX 1020
LENOIR 28645
MED U OF SC 704 758-5544

STEWART, DOUGLAS W. IM AC
78 79 84
516 LAURELWOOD CIR., SE
LENIOR 28645
PENN STATE U 704 758-5544

CALDWELL COMPONENT SOCIETY (Continued)

THOMPSON, FREDERICK A. IM /CD AC 46 47 52
322 MULBERRY ST., SW
PO BOX 1020
LENOIR 28645
DUKE 704 758-5544

THOMPSON, OTIS RICHARD, JR. IM /CD AC 53 53 57
322 MULBERRY ST., SW
PO BOX 1020
LENOIR 28645
BOWMAN GRAY 704 758-5544

TILLEY, PAUL DONALD GP AC 59 59 64
P. O. BOX 5607
LENOIR 28645
BOWMAN GRAY 704 758-2368

TROUTMAN, BAXTER SUTTLES GP L 36 36 39
328-D MULBERRY STREET, SW
LENOIR 28645
U OF MARYLAND 704 754-4211

TYE, JOHN GAROLD OPH AC 79 80 85
401 MULBERRY ST., SW.
LENOIR 28645
U OF CINCINNATI 704 754-0561

WALTON, CAREY JAMES, JR. IM /GE AC 55 55 59
P. O. BOX 1020
322 MULBERRY ST., SW
LENOIR 28645
BOWMAN GRAY 704 758-5544

WOOD, ROBERT MICHAEL ORS /PM AC 74 75 84
715 WILMORE DRIVE
LENOIR 28645
U OF PITTSBURGH 704 758-7091

ZEMP, CHARLES HERBERT PD AC 49 65 65
226-H MORGANTON BOULEVARD
LENOIR 28645
MED U OF SC 704 758-5111

16. CARTERET COMPONENT SOCIETY

OFFICERS—**President:** William T. Walker, Jr., M.D., Morehead City (919 726-9091)
Secretary: James Crosswell, M.D., Beaufort

ADKINS, TROGLER FRANCIS OBG L/RT 36 46 46
ROUTE #4, BOX 301-B
NEWPORT 28570
DUKE 919 726-6662

AQUADRO, CHARLES FRASURE GP /OM AC 52 52 71
326 FRONT STREET
BEAUFORT 28516
U OF TENNESSEE 919 728-5141

BORDEN, RICHARD WINSTEAD GP AC 53 53 70
3108 ARENDELL ST.
MOREHEAD CITY 28557
DUKE 919 726-3127

BRADY, WALTER MORRIS FP AC 51 52 53
#5 MEDICAL PARK
MOREHEAD CITY 28557
MED COLL OF VA 919 726-8414

FALLS, DARRYL LEE OBG AC 80 80 84
#9 MEDICAL PARK
MOREHEAD CITY 28557
U OF NC 919 726-0107

FERRY, SENECA TAYLOR, II EM /FP AC 65 65 78
P. O. BOX 8
SMYRNA 28579
U OF MISSOURI 919 729-7831

FRESCA, VICTOR ATTILIO GP /R AS 37 37 74
ROUTE #2
OAK BLUFF AT BRANDYWINE BAY
MOREHEAD CITY 28557
LOYOLA U 919 726-5587

GAINEY, JOHN WHITE, JR. GP AC 55 55 57
P. O. DRAWER 97
MOREHEAD CITY 28557
U OF NC 919 726-6143

GARRISON, ROBERT WALTER U AC 76 77 82
15 MEDICAL PARK
MOREHEAD CITY 28557
CASE WESTERN RES 919 247-2101

GOODMAN, TERRENCE LYNN IM /PD AC 74 78 84
P. O. BOX 166
ATLANTIC 28511
CORNELL U 919 225-6391

HARKER, MARGARET NELSEN GP AC 68 69 74
P. O. DRAWER 897
MOREHEAD CITY 28557
GEO WASHINGTON U 919 247-3476

LEWIS, MARTIN THOMAS GP AC 53 54 55
P. O. BOX 179
BEAUFORT 28516
NEW YORK MED COL 919 728-4491

MAJSTORAVICH, JOSEPH, JR. OPH AC 74 74 79
P O. BOX 1317
MOREHEAD CITY 28557
U OF NC 919 726-0411

MORRISON, LEON MACMILLAN OBG AC 75 76 80
9 MEDICAL PARK
MOREHEAD CITY 28557
U OF FLORIDA 919 247-4297

OLIVER, GEORGE MOTLEY, JR. OBG AC 70 71 77
6 MEDICAL PARK
MOREHEAD CITY 28557
U OF NC 919 726-8016

PURUSHOTHAMAN, CHANDROTH V. CD /IM AC 65 67 84
#4 MEDICAL PARK
MOREHEAD CITY 28557
CALICUT U 919 247-5426

RULE, WILLIAM STANLEY PD AC 73 73 73
8 MEDICAL PARK
MOREHEAD CITY 28557
U OF NC 919 726-0511

TEETER, ROBERT TENNANT OBG AC 74 74 78
#9 MEDICAL PARK
MOREHEAD CITY 28557
U OF NC 919 726-0107

THORNE, SILAS OWENS, JR. OPH /OTO AC 47 50 52
MEDICAL PARK--4-A
MOREHEAD CITY 28557
DUKE 919 726-3308

WALKER, WILLIAM THOMAS, JR. IM AC 79 79 83
#5 MEDICAL PARK
MOREHEAD CITY 28557
JOHNS HOPKINS 919 726-9091

WAY, BRADY COLE GS AC 76 76 85
3 MEDICAL PARK
MOREHEAD CITY 28557
BOWMAN GRAY 919 726-1136

WAY, JOHN EDWARD GS L 38 38 47
#3 MEDICAL PARK
MOREHEAD CITY 28557
U OF MARYLAND 919 726-1136

WENTZ, IRL JESSE ORS AC 46 54 54
2500 BRIDGES ST., STE. 7
MOREHEAD CITY 28557
U OF MARYLAND 919 726-8906

WRAY, RICHARD HENRY, III TS /GS AC 68 68 76
15 MEDICAL PARK
MOREHEAD CITY 28557
U OF NC 919 247-2101

YURKO, JOHN EVANS GS AC 63 63 71
15 MEDICAL PARK
MOREHEAD CITY 28557
MED COLL OF VA 919 247-2101

ZETTL, MATTHEW LEE ORS AC 75 75 81
15 MEDICAL PARK
MOREHEAD CITY 28557
TULANE U 919 247-2101

18. CATAWBA COMPONENT SOCIETY

OFFICERS—**President:** Charles E. Trado, M.D., Hickory (704 324-9900)
Secretary: Joel B. Miller, M.D., Hickory (704 322-4140)
Executive Secretary: Mrs. Margaret D. Lawing, 617 Gabriel Ave., Newton 28658 (704 328-3990)

ABERNETHY, HENRY WALTER FP /IM AC 55 55 60
221 13TH AVE. PL. NW-FP
HICKORY 28601
U OF NC 704 322-5800

BATES, PAUL KENNETH, JR. PD AC 69 74 75
FIRST PLAZA -- BOX 700
1985 TATE BOULEVARD, S.E.
HICKORY 28602
U OF LOUISVILLE 704 322-2550

BAUER, JOHN MONTGOMERY PTH AC 76 76 81
ROUTE #2, BOX 197
CONOVER 28613
LA STATE U 704 322-3821

BELL, IRA EUGENE, JR. TR /R AC 45 50 51
CATAWBA MEMORIAL HOSPITAL
FAIRGROVE CHURCH ROAD
HICKORY 28601
MED COLL OF GA 704 322-0856

BISHOPRIC, ALICE OBG AC 78 69 83
1205 N. CENTER STREET
HICKORY 28601
MED U OF SC 704 328-2901

BLANCHAT, TIMOTHY JOSEPH IM AC 74 74 78
11 13TH AVENUE, N. E.
HICKORY 28601
WEST VA U 704 322-3541

BOOKER, JOHN PARKS, JR. DR AC 67 67 74
P. O. BOX 308
HICKORY 28601
MED U OF SC 704 322-2644

BOONE, EDWARD EVERETT IM AC 71 71 77
ROUTE #2, BOX 199
CONOVER 28613
BOWMAN GRAY 704 322-1128

BOYLES, LARRY WAYNE N/IM AC 70 70 76
420 N. CENTER ST.
HICKORY 28601
U OF NC 704 327-9869

BOYLES, WAYNE FRANCIS FP AC 52 52 54
ROUTE #3, BOX 155
HICKORY 28601
WASHINGTON U 704 327-4745

BROOKS, THOMAS WILLIAM, III R/NM AC 62 62 71
521 THIRD AVENUE, N.W.
HICKORY 28601
MED COLL OF GA 704 322-2644

BROWN, PAUL EUGENE ORS AC 69 69 75
HICKORY ORTHOPAEDIC CTR.,PA
250 18TH ST., NE
HICKORY 28601
U OF NC 704 322-5172

CATAWBA COMPONENT SOCIETY (Continued)

BYERLY, WESLEY GRIMES, JR. GS AC
24 SECOND AVENUE, N.E. 52 52 58
HICKORY 28601
HARVARD 704 328-2231

CALDWELL, LAWRENCE M.,II GE /IM AC
P. O. BOX 849 71 71 77
NEWTON 28658
U OF NC 704 464-4550

CALDWELL, LAWRENCE M.,SR. GP L/RT
406 S. COLLEGE AVE. 32 32 34
NEWTON 28658
U OF PENN 704 464-2330

CAPOROSSI, PAUL VINCENT OBG AC
P.O. BOX 2227 65 70 75
HICKORY 28603
NJ COLL OF MED 704 322-4920

CHI, HONG YUP FP AC
105 N. MAIN AVENUE 66 66 71
NEWTON 28658
MED COLL OF VA 704 464-5424

CHIPMAN, DENNIS CLARENCE P AC
231 FOURTH ST. SW, STE. 201 59 61 85
HICKORY 28601
U OF WASHINGTON 704 322-2200

CHRISTENSEN, HARVEY EARL GS /TS AC
ROUTE #2, BOX 190 60 61 72
CONOVER 28613
STANFORD U 704 322-9105

CLARKE, WILLIAM LOWE, JR FP L
912 SECOND STREET, N. E. 41 47 48
HICKORY 28601
EMORY U 704 322-1361

CLONINGER, CHARLES EDGAR FP L/RT
RT. #2, BOX 14DC 41 41 43
SHERRILLS FORD 28673
U OF MARYLAND 704 478-3155

COLEMAN, LESTER L., JR. FP AC
P. O. BOX 376 50 50 52
HILDEBRAN 28637
BOWMAN GRAY 704 397-3522

COOK, LELAND JAMES GS AC
420 N. CENTER ST. 79 80 85
HICKORY 28601
U OF KENTUCKY 704 327-9178

CUTCHIN, JOSEPH HENRY, JR. GP AC
P. O. BOX 67 42 43 43
SHERRILLS FORD 28673
DUKE 704 478-2431

DAVIS, JOHN WOODROW FP AC
24 SECOND AVENUE, N. E. 46 47 50
HICKORY 28601
JEFFERSON 704 328-2231

DE LA GARZA, CARLOS ARTURO FP AC
24 SECOND AVE., NE 76 78 85
HICKORY 28601
U OF COLORADO 704 328-2231

DE LOS SANTOS, MANUEL TREVINO OBG AC
ROUTE #2, BOX 195 62 62 72
CONOVER 28613
U OF ALABAMA 704 322-4920

DEATON, HUGO L. GS /TS AC
420 N. CENTER STREET 57 58 64
HICKORY 28601
COLUMBIA U 704 327-9178

DEPERCZEL, JOHN LESLIE ORS /GP AC
521 11TH AVE. CIRCLE NW 72 73 81
HICKORY 28601
LOYOLA U 704 324-2800

DICKINSON, MICHAEL WRIGHT GS /CDS AC
420 N. CENTER STREET 75 75 81
HICKORY 28601
U OF VIRGINIA 704 327-9178

DILLON, DANIEL CHRISTIAN IM /GE AC
11 13TH AVENUE, N. E. 68 68 75
HICKORY 28601
INDIANA U 704 322-1068

DIXON, ROBERT ROSS PD AC
FIRST PLAZA -- BOX 700 68 68 75
1985 TATE BOULEVARD, S.E.
HICKORY 28601
BOWMAN GRAY 704 322-2550

EARL, JOHN KEITH FP AC
210 13TH AVE. PLACE, N.W. 72 73 77
HICKORY 28601
U OF OKLAHOMA 704 328-2941

ENNIS, GEORGE ELLIOTT IM /HEM AC
912 SECOND STREET, N. E. 58 58 65
HICKORY 28601
U OF NC 704 328-2381

ESPEY, DAN, JR. FP AC
24 SECOND AVENUE, N. E. 47 51 52
HICKORY 28601
U OF LOUISVILLE 704 327-4453

FAHL, JAMES COX GS AC
24 SECOND AVENUE, N. E. 48 48 72
HICKORY 28601
HARVARD 704 328-2231

FEWELL, JOSEPH EURANUS, JR. PS AC
420 N. CENTER STREET 74 79 84
HICKORY 28601
MED U OF SC 704 322-8380

FITZ, THOMAS EDMUNDS IM /CD AC
11 13TH AVENUE, N.E. 50 53 57
HICKORY 28601
DUKE 704 322-1066

FITZGERALD, DWIGHT MELVIN GS /TS AC
ROUTE #2, BOX 196 69 76 78
CONOVER 28613
U OF ILLINOIS 704 322-8485

FORSHEY, ALAN GRAY FP AC
21 EAST A STREET 78 79 83
NEWTON 28658
OHIO STATE U 704 465-3928

FOSTER, JOHN THOMAS OPH AC
P. O. BOX 2588 62 62 68
HICKORY 28603
DUKE 704 322-2050

FRIEDMAN, EDNA CHARNEY PD /AN L/RT
5161 COLLINS AVENUE, APT. 412 39 43 57
MIAMI BEACH, FL 33140
U OF ZURICH 305 864-2880

FROEDGE, JERRY KEITH PD AC
1985 TATE BOULEVARD, S.E. 69 70 75
HICKORY 28601
U OF LOUISVILLE 704 322-2550

GACHET, FRED SMITH, JR. OBG AC
1205 N. CENTER STREET 57 65 65
HICKORY 28601
JOHNS HOPKINS 704 328-2901

GAITHER, JAMES COMER IM AC
660 MILTON RD. 61 62 68
NEWTON 28658
WASHINGTON U 704 322-1128

GARDNER, WILLIAM RONALD GS /CDS AC
420 N. CENTER STREET 63 64 73
HICKORY 28601
U OF MIAMI 704 327-9178

GERRARD, EDWARD ROLLAND U AC
1202 N. CENTER STREET 67 67 75
HICKORY 28601
BAYLOR 704 322-4340

GILBERT, HENRY TUCKER DR AC
P. O. BOX 308 69 70 77
HICKORY 28601
MED COLL OF GA 704 322-2644

GOINS, JAMES ROBERT OBG AC
210 13TH AVENUE PLACE, NW 77 78 85
HICKORY 28601
U OF NC 704 322-3017

GOODIN, THOMAS ELLIOTT,III AN AC
701 5TH AVE., N.E. 66 67 67
CONOVER 28613
U OF TENNESSEE 704 322-0860

GOODMAN, BENJAMIN WARREN FP AC
24 SECOND AVENUE, N. E. 51 54 54
HICKORY 28601
U OF TENNESSEE 704 328-2231

GREEN, KENNETH ERIC GP AC
4 BRENTWOOD LANE, SE 78 79 86
HICKORY 28602
U OF TORONTO 704 294-1116

GRIFFIN, HAROLD WALKER OPH L/RT
178 17TH AVENUE, N.W. 23 31 32
HICKORY 28601
EMORY U 704 327-8526

GRIFFIN, RICHARD MADISON OPH AC
27 13TH AVENUE, N.E. 59 60 63
HICKORY 28601
EMORY U 704 322-6040

GRIGSBY, HARDIN BLAND GYN AC
P. O. BOX 310 55 65 66
CONOVER 28613
INDIANA U 704 328-8146

GUARINO, GUY JOSEPH PTH AC
ROUTE #2, BOX 197 57 67 67
CONOVER 28613
LA STATE U 704 322-3821

GUTTLER, SANFORD DENNIS FP AC
1 TRADE STREET 76 77 80
GRANITE FALLS 28630
TEMPLE U 704 396-3136

HANCOCK, MILLIE PITTS A/PD AC
221 - 13TH AVENUE PLACE, N.W. 62 65 67
HICKORY 28601
JOHNS HOPKINS 704 322-1275

HARLAN, STEVEN DANE R AC
P. O. BOX 308 76 76 81
HICKORY 28603
U OF MISSOURI 704 322-2644

HARRIS, JEFFREY DAVISON FP AC
HIGHWAY 127 NORTH 77 78 81
P. O. BOX 6050
HICKORY 28601
U OF CINCINNATI 704 495-8226

HARRIS, WILLIAM RIX OPH AC
P. O. BOX 2588 56 56 64
HICKORY 28603
U OF NC 704 322-2050

HART, ROBERT WILLIAM, III FP AC
221 13TH AVENUE PL., NW 65 66 67
HICKORY 28601
MED U OF SC 704 322-5800

HEARON, BRIAN PAUL CD /IM AC
1985 TATE BOULEVARD, SE 77 77 85
HICKORY 28601
U OF MISSISSIPPI 704 324-4804

HODGES, JAMES ROBINSON FP AC
210 13TH AVENUE PLACE, N.W. 72 72 79
HICKORY 28601
U OF MICHIGAN 704 328-2941

HUFFMAN, ALLEN WILLIAM, JR. OBG AC
1205 N. CENTER STREET 67 67 76
HICKORY 28601
U OF NC 704 328-2901

ISENHOWER, JOSEPH ANDREW FP AC
24 SECOND AVENUE, N.E. 54 54 55
HICKORY 28601
BOWMAN GRAY 704 328-2231

JAMES, JOHN CLAY GP AC
ROUTE #3, BOX 436 57 57 62
MAIDEN 28650
BOWMAN GRAY 704 428-9740

JOHNSON, ANDREW FINLEY GP AC
2402 SPRINGS ROAD, N.E. 65 67 67
HICKORY 28601
U OF TENNESSEE 704 256-2185

JOHNSON, THOMAS GARY R AC
132 35TH AVE., NW 74 76 85
HICKORY 28601
MED U OF SC 704 327-6342

KELLER, TED STEVEN NS AC
420 N. CENTER ST. 76 76 85
HICKORY 28601
DUKE 704 327-4818

KEPPEL, ROBERT ALVIN GS /TS AC
420 N. CENTER STREET 53 53 61
HICKORY 28601
JOHNS HOPKINS 704 327-9178

KIM, TONG SU P AC
612 THIRD AVENUE, NE 51 51 70
HICKORY 28601
SEOUL NATL U 704 324-9900

KING, HARRY LEE OTO /HNS AC
336 10TH AVE., NE 74 74 80
HICKORY 28601
U OF VIRGINIA 704 322-5120

KING, WALTER LEE OPH AC
336 10TH AVENUE, NE 67 67 72
HICKORY 28601
U OF VIRGINIA 704 322-5120

KURAD, JOSEPH WARD U AC
1202 N. CENTER STREET 60 67 67
HICKORY 28601
U OF MARYLAND 704 322-4340

CATAWBA COMPONENT SOCIETY (Continued)

LEFLER, WADE HAMPTON, JR. OPH AC
63 63 72
P. O. BOX 2588
HICKORY 28601
BOWMAN GRAY 704 322-2050

LEONARD, WALTER EVAN FP AC
53 53 54
130 27TH STREET, S.W.
HICKORY 28601
BOWMAN GRAY 704 322-1153

LONG, WILLIAM EVERETT FP AC
72 72 76
P. O. BOX 1239
CONOVER 28613
U OF NC 704 464-3821

LOVIN, VICKIE WEST OBG AC
81 82 86
P.O. BOX 2227
HICKORY 28603
BOWMAN GRAY 704 322-4920

LYNN, ARTHUR SIMONTON, JR. IM /CD AC
62 62 68
ROUTE #2, BOX 199
CONOVER 28613
U OF NC 704 322-1128

MACLAUCHLIN, WILLIAM THOMPSON FP AC
41 46 47
P. O. DRAWER 1239
CONOVER 28613
MED U OF SC 704 464-3821

MCCLOSKEY, SCOTT MICHAEL NS AC
75 77 81
420 N. CENTER STREET
HICKORY 28601
U OF MARYLAND 704 327-9740

MCDONELL, CHARLES FRANKLIN,JR. OBG AC
68 68 74
ROUTE #11, BOX 465
HICKORY 28601
TULANE U 704 322-3017

MCDOUGAL, EMORY GARY GS AC
77 82 84
204 5TH STREET PLACE NE
CONOVER 28613
U OF SOU ALA 704 322-9105

METZGER, GEORGE ANDREW IM AC
72 72 78
P.O. BOX 1020
322 MULBURRY ST., S.W.
LENOIR 28645 704 758-5544

MICHAEL, DOUGLAS WORTH FP AC
79 81 84
P. O. BOX 774
CONOVER 28613
JEFFERSON 704 464-3821

MILLER, JOEL BYRON OBG AC
74 74 80
P. O. DRAWER 38
HICKORY 28601
BOWMAN GRAY 704 322-4140

MORETZ, JOSEPH ALFRED,III ORS AC
72 73 81
600 FIRST PLAZA
HICKORY 28601
EMORY U 704 322-5172

NIELAND, ROBERT BRUCE FP AC
69 70 76
24 SECOND AVENUE, N. E.
HICKORY 28601
U OF IOWA 704 328-2231

O'CONNOR, ROBERT DARRELL OTO AC
60 67 67
FAIRGROVE CHURCH ROAD
P. O. DRAWER 2484
HICKORY 28601
MED COLL OF VA 704 322-3725

OBERLIN, DELOY CHARLES AN /EM AC
76 78 81
ROUTE #3, BOX 690
NEWTON 28658
STANFORD U 704 322-6070

ORLOWSKI, RICHARD ON /HEM AC
78 83 84
690 FAIRGROVE CHURCH RD.
P. O. BOX 3710
HICKORY 28603
WASHINGTON U 704 324-9550

OWENS, FREDERICK THOMAS PUD /IM AC
70 71 77
912 SECOND STREET, N.E.
HICKORY 28601
MED COLL OF GA 704 322-8265

OWSLEY, JAMES HAROLD R/NM AC
57 58 64
P. O. BOX 308
HICKORY 28601
U OF ALABAMA 704 322-2644

PARKER, JAMES LEE PTH AC
63 63 71
850-H 8TH ST. NE
HICKORY 28601
U OF NC 704 322-3821

PEELER, FORREST EDWARDS FP AC
50 51 51
ROUTE #3, BOX 436
MAIDEN 28650
MED COLL OF VA 704 428-2446

PEKMAN, WILLIAM MARTIN HS /ORS AC
78 79 85
250 18TH ST. CIRCLE, SE
HICKORY 28602
U OF CHICAGO 704 322-5172

PETERS, STANLEY ORS AC
64 64 75
P. O. BOX 600, FIRST PLAZA
HICKORY 28601
KING EDWARD COLL 704 322-5172

PETERSON, ROBERT LIND OBG AC
71 72 79
210 13TH AVENUE PLACE, N.W.
HICKORY 28601
U OF WASHINGTON 704 322-3018

PIERCE, ROBERT JAMES, JR. U AC
64 64 71
1202 N. CENTER STREET
HICKORY 28601
U OF NC 704 322-4340

PRUITT, JERRY L. D AC
71 71 76
24 SECOND AVENUE, N.E.
HICKORY 28601
BOWMAN GRAY 704 328-6185

REED, CHARLES NATHAN D/IM AC
79 80 85
24 SECOND AVE., NE
HICKORY 28601
U OF NC 704 328-6185

RICE, JOHN SIDNEY D L/RT
40 63 63
143 33RD AVENUE, NW
HICKORY 28601
OHIO STATE U 704 327-0069

RILEY, WILLIAM JOSEPH GS AC
55 60 62
605 W. 25TH STREET
NEWTON 28658
MED COLL OF VA 704 464-5340

ROBERTSON, KENT ALAN AN /IM AC
76 76 85
420 N. CENTER ST.
HICKORY 28601
LA STATE U 704 324-3587

ROSS, JAMES MILLER FP AC
63 65 65
P. O. BOX 490
CLAREMONT 28610
U OF TENNESSEE 704 459-7324

RUDISILL, ELBERT ANDREW, JR. FP AC
77 77 81
133 FIRST AVE., SE
HICKORY 28601
BOWMAN GRAY 704 322-5915

SANTOSO, RUDY ADRIAN N AC
71 74 83
ROUTE #3, BOX 331
HICKORY 28601
PADJADJARAN U 704 324-4143

SCHMITT, PHILIP JULIAN P/CHP AC
80 83 85
PO BOX 9149
HICKORY 28601
GEORGETOWN U 704 327-7888

SCHULTEN, HERBERT JOHN ORS AC
70 70 79
912 SECOND ST. NE
HICKORY 28601
U OF MARYLAND 704 324-2800

SEAGLE, LEE MARCUS, JR. FP AC
57 57 61
133 FIRST AVENUE, S.E.
HICKORY 28601
DUKE 704 322-5915

SIMS, WILLIAM LEONARD NS AC
79 80 85
420 N. CENTER ST.
HICKORY 28601
U OF KENTUCKY 704 324-9609

SPEES, LYNN BEECHER PD AC
75 75 73
700 FIRST PLAZA
1985 TATE BOULEVARD, SE
HICKORY 28601
BOWMAN GRAY 704 322-2550

STAHLY, WALTER REX FP AC
78 79 85
24 SECOND AVE., NE
HICKORY 28601
U OF WASHINGTON 704 328-2231

STEWART, DANIEL NIVEN,JR. FP L
35 35 38
14 THIRD AVENUE, N.E.
HICKORY 28601
U OF PENN 704 328-1212

STEWART, DOUGLAS WAYNE IM /NEP AC
78 79 84
516 LAURELWOOD CIRCLE, SE
PO BOX 1020
LENOIR 28645
PENN STATE U 704 758-5544

STEWART, ROY ALLEN OPH L
40 46 48
P. O. BOX 970
NEWTON 28658
EMORY U 704 464-0982

TART, DAVID E. D/IM AC
74 74 79
24 SECOND AVENUE, N.E.
HICKORY 28601
U OF NC 704 328-6185

TAYLOR, WILLIAM RILEY ON /IM AC
78 78 85
690 FAIRGROVE CHURCH ROAD
P. O. BOX 3710
HICKORY 28603
U OF ALABAMA 704 324-9550

THOMPSON, WILLIAM CECIL, III FP AC
78 79 82
210 13TH AVE. PL., NW
HICKORY 28601
WEST VA U 704 322-7170

THORNTON, JACK WALKER OTO /HNS AC
64 64 71
P. O. DRAWER 2484
HICKORY 28601
U OF MISSISSIPPI 704 322-3725

THORWARTH, WILLIAM T., JR. DR /NM AC
CATAWBA RADIOLOGICAL ASSOC. 75 76 84
P. O. BOX 308
HICKORY 28603
DARTMOUTH U 704 322-2871

TRADO, CHARLES ELEMENDORF P/GP AC
59 59 72
IKERD BUILDING
612 THIRD AVE., NE
HICKORY 28601
U OF NC 704 324-9900

VOGEL, JOSEPH VINCENT PTH AC
77 82 85
ROUTE #2, BOX 197
CONOVER 28613
DUKE 704 322-3821

WARREN, THOMAS LARRY OBG AC
63 63 71
ROUTE #2, BOX 195
CONOVER 28613
U OF ALABAMA 704 322-4920

WELCH, CARL LESTER FP AC
65 68 68
221 13TH AVE. PL. NW
HICKORY 28601
MED COLL OF GA 704 322-5800

WHALEY, JAMES DAVANT U L/RT
25 25 36
138-A S. BATTERY
CHARLESTON, SC 29401
MED U OF SC 803 722-9998

WILLIAMS, RANDAL JAMES OPH AC
69 69 78
P. O. BOX 2588
HICKORY 28603
DUKE 704 322-2050

WILLIAMS, ROBERT CYRUS, JR. OTO AC
BOX 2484, FAIRGROVE CHURCH RD.71 72 79
HICKORY 28603
MED U OF SC 704 322-3725

WILSON, FRANK GAVIN GYN AC
56 64 68
CATAWBA MEDICAL CENTER
ROUTE #3, BOX 331
HICKORY 28601
U OF MIAMI 704 322-5804

WINFIELD, HEBER GREY, III ORS AC
70 70 76
250 18TH ST. CIRCLE, SE
HICKORY 28601
U OF NC 704 322-5172

WISE, JOHN EDNEY IM AC
60 60 67
1624 N. CENTER STREET
HICKORY 28601
U OF NC 704 328-2094

WOFFORD, BENJAMIN GP AC
66 66 80
105 N. MAIN AVENUE
NEWTON 28658
U OF TENNESSEE 704 464-3321

WOTRING, JAMES WILLIAM, JR. OBG AC
61 67 68
P. O. BOX 38
HICKORY 28601
MED COLL OF VA 704 322-4140

CATAWBA COMPONENT SOCIETY (Continued)

WRIGHT, ELIZABETH ANN N AC 67 68 85
420 N. CENTER ST.
HICKORY 28601
U OF KENTUCKY 704 327-4419

YOUNG, WILLIAM LEE, III FP AC 74 74 79
210 13TH AVENUE PLACE, N.W.
HICKORY 28601
U OF VIRGINIA 704 328-2941

19. CHATHAM COMPONENT SOCIETY

OFFICERS—**President:** Byron J. Hoffman, Jr., M.D., Siler City (919 663-3360)
Secretary: John W. Sanders, M.D., Siler City (919 663-3360)

BROWN, WALTER JOHN PH AC 33 36 80
79 TRUNDLE RDG., FEARRINGTON
PITTSBORO 27312
BERLIN U 919 933-9331

DYKERS, JOHN REGINALD, JR. FP AC 60 60 78
P. O. BOX 565
422 N. IVY AVENUE
SILER CITY 27344
U OF NC 919 663-2931

HOFFMAN, BYRON JAY, JR. IM AC 76 77 81
421 N. HOLLY STREET
SILER CITY 27344
EMORY U 919 663-3360

HOLT, JAMES BEATTY FP AC 77 77 78
ROUTE #5, BOX 40
PITTSBORO 27312
U OF NC 919 542-3251

TYLER, MICHAEL JOSEPH FP AC 79 82 84
ROUTE #2, BOX 5
PITTSBORO 27312
TEMPLE U 919 542-2731

WHITE, FRANKLIN DELANO FP AC 59 59 61
P. O. BOX 567
SILER CITY 27344
U OF NC 919 663-2761

20. CHEROKEE (GRAHAM) COMPONENT SOCIETY

OFFICERS—**President:** James E. Stephens, M.D., Robbinsville (704 479-3392)
Secretary: Michael York, M.D., Andrews (704 321-3215)

BLALOCK, FLOYD ESTON, JR. FP /GP AC 51 53 54
VALLEY RIVER CLINIC
ANDREWS 28901
U OF TENNESSEE 704 321-4510

STEPHENS, JAMES EDWARD GP AC 60 61 61
P. O. BOX 516
ROBBINSVILLE 28771
MED COLL OF VA 704 479-3392

TURITTO, LOUIS ANTHONY GS AC 68 71 85
2 WHITAKER LANE
ANDREWS 28901
U OF BOLOGNA 704 321-5010

WELLS, HELEN LEWIS GP AC 46 47 48
503 PEACHTREE STREET
MURPHY 28906
BOWMAN GRAY 704 837-2515

YORK, MICHAEL F. AC 78 80 82
1 WEST END PLAZA
PO BOX 608
ANDREWS 28901
DUKE 301 530-8113

21. CHOWAN-PERQUIMANS COMPONENT SOCIETY

OFFICERS—**President:** Edward G. Bond, M.D., Edenton (919 482-2116)
Secretary: David O. Wright, M.D., Edenton (919 482-2116)

BAKER, BERNIE BALLINGTON, SR. OBG AC 65 65 72
EDENTON OB-GYN CENTER,PA
P. O. BOX 990
EDENTON 27932
DUKE 919 782-7407

BAKER, MARVIN I. R/NM AC 60 60 83
PO BOX 1047
EDENTON 27932
U OF FLORIDA 919 482-8446

BLAKEMORE, WILLIAM STEPHEN OPH AC 79 80 84
102 W. EDEN STREET
EDENTON 27932
ROYAL CO-IRELAND 919 482-7471

BOND, EDWARD GRIFFITH IM /CD AC 48 48 56
CHOWAN MEDICAL CENTER
EDENTON 27932
U OF VIRGINIA 919 482-2116

DEVINE, LEIBERT EARL FP AC 75 75 80
P. O. BOX 298
EDENTON 27932
OHIO STATE U 919 482-7774

FRANCIS, JOHN ARLIE OBG AC 71 71 85
PO BOX 990
EDENTON 27932
WEST VA U 919 482-7407

HASKETT, JOSEPH RAY, JR. IM AC 76 76 82
CHOWAN MEDICAL CENTER
EDENTON 27932
U OF NC 919 482-2116

LANE, ROBERT EARL FP AC 67 67 74
118 W. MARKET STREET
P. O. BOX 487
HERTFORD 27944
TULANE U 919 426-5711

PERRY, JOHN CHRISTOPHER FP AC 79 80 83
P. O. BOX 429
EDENTON 27932
U OF FLORIDA 919 482-2116

POTOCKI, LANCE DEWITT FP AC 81 81 85
PO BOX 429
EDENTON 27932
U OF MARYLAND 919 482-2116

VOIGT, WARD LANDIS GS AC 63 63 70
CHOWAN MEDICAL CENTER
EDENTON 27932
U OF NC 919 482-2116

WRIGHT, DAVID ORLO FP AC 58 58 63
CHOWAN MEDICAL CENTER
EDENTON 27932
BOWMAN GRAY 919 482-2116

23. CLEVELAND COMPONENT SOCIETY

OFFICERS—**President:** David B. Barker, M.D., Shelby (704 484-0117)
Secretary: Numa R. Carter, M.D., Shelby (704 487-7540)

BARKER, DAVID BERT U AC 71 71 80
110 GROVER ST.
SHELBY 28150
U OF TENNESSEE 704 484-0117

BARRIER, CECIL LEE, SR. GP AC 59 59 60
ROUTE #3, BOX 105
LAWNDALE 28090
U OF NC 704 538-7891

BARRINGER, MICHAEL LYNN GS AC 76 76 84
904 MEADOWBROOK LANE
SHELBY 28150
U OF NC 704 482-6359

BARTON, THOMAS KARL PTH AC 76 77 85
CLEVELAND MEM. HOSP.-PTH
SHELBY 28150
DUKE 704 487-3000

BINION, GERALD RAY OBG AC 62 62 74
110 W. GROVER STREET
SHELBY 28150
U OF TEXAS-SW 704 487-5258

BLACKBURN, THOMAS REID DR AC 65 65 75
PO BOX 1148
SHELBY 28150
BOWMAN GRAY 704 487-3141

BOMBENGER, JAMES JOHN PUD /IM AC 73 74 84
ROUTE #3, BOX 774-B
CONNELLY SPRINGS 28612
U OF ILLINOIS 704 324-8401

BOWLES, RICHARD MORGAN PD AC 52 53 55
101 GROVER STREET
SHELBY 28150
DUKE 704 482-1435

BOWLING, RICHARD FRANKLIN GS /TS AC 53 53 61
P. O. BOX 638
SHELBY 28150
BOWMAN GRAY 704 487-8591

BOYETTE, DOUGLAS RAY CD /IM AC 75 75 80
808 SCHENCK STREET
SHELBY 28150
BOWMAN GRAY 704 482-1482

BRIDGES, THOMAS HOWARD EM AC 65 65 67
P. O. BOX 1706
SHELBY 28150
U OF NC 704 487-3134

BRIGGS, DOUGLAS MERRILL FP AC 78 79 82
1198 WYKE ROAD
SHELBY 28150
ST U OF NEW YORK 704 487-1148

BURRUS, JAMES HENRY GYN AC 57 57 64
P. O. BOX 1256
SHELBY 28150
U OF NC 704 482-2486

CARTER, JOEL MILES TR AC 73 77 84
P. O. BOX 340
SHELBY 28150
U OF TENNESSEE 704 487-3144

CARTER, NUMA RICHARDSON, JR. FP AC 50 50 57
512 DIXON BOULEVARD
SHELBY 28150
BOWMAN GRAY 704 487-7540

CLEVELAND COMPONENT SOCIETY (Continued)

COLLINS, WARREN JAMES GYN AC 48 57 67
105 GROVER STREET
SHELBY 28150
DUKE 704 482-2486

CONDIE, SCOTT DOUGLAS FP AC 75 78 82
1198 WYKE ROAD
SHELBY 28150
U OF ILLINOIS 704 487-1148

CROW, JOHN BUREN FP AC 48 49 50
591 CROW ROAD
SHELBY 28150
BOWMAN GRAY 704 487-7052

CUENCA, NELIDA ALBA PD /PH AC 57 57 75
BOILING SPRINGS MED. ASSOC.
P. O. BOX 1094
BOILING SPRINGS 28017
U OF CORDOBA 704 434-2281

DAY, PHILIP MARK GP AC 82 83 86
198 LAKESIDE DR.
GROVER 28073
MICHIGAN ST U 704 937-7905

ELLISON, PAUL STRIBLING, JR. S 87 00 86
408-B LEWIS ST.
GREENVILLE 27834
EAST CAROLINA U 919 482-6217

ELLISON, THOMAS SCOTT S 87 00 84
2401 FAIRWAY DR.
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-1807

EVANS, OTIS DRUELL, JR. OBG AC 51 52 53
110 W. GROVER STREET
SHELBY 28150
U OF MARYLAND 704 487-5258

FERRELL, PAUL BRENT IM AC 75 75 84
220 BELVEDERE AVE.
SHELBY 28150
U OF NC 919 482-1482

GANGOO, ABDUL RASHID ID AC 68 76 83
810 W. KING STREET
KINGS MOUNTAIN 28086
SRINAGAR MED SCH 704 739-8946

GEBEL, EMILE LOUIS OPH AC 62 62 67
1413 N. LAFAYETTE STREET
SHELBY 28150
DUKE 704 482-6767

GENTRY, JOHN BILLY PTH AC 59 59 67
307 S. POSTON STREET
SHELBY 28150
U OF NC 704 482-0241

GILLIATT, CECIL LEE, JR., PD AC 62 63 68
101 GROVER STREET
SHELBY 28150
HARVARD 704 482-1435

GOSSETT, ROBERT PETER U AC 77 80 83
1001 N. WASHINGTON ST.
SHELBY 28150
U TX-SAN ANTONIO 919 482-2011

HAMRICK, JOHN CARL GS L 35 35 40
P. O. BOX 668
SHELBY 28150
U OF MARYLAND 704 487-5132

HAMRICK, JOHN CARL, JR. ORS AC 67 67 76
110 W. GROVER STREET
SHELBY 28150
BOWMAN GRAY 704 487-1177

HANNAH, FRANK THOMAS OPH AC 64 64 71
313 S. WASHINGTON STREET
SHELBY 28150
DUKE 704 482-0696

HARDEMAN, RICHARD AUSTIN FP AC 60 60 82
616 E. MARION STREET
SHELBY 28150
EMORY U 704 487-6338

HARRELL, WARREN LAMAR, JR. R AC 58 67 67
1237 BROOKWOOD DRIVE
SHELBY 28150
EMORY U 704 482-3880

HARRIS, THOMAS REGINALD PUD /IM AC 55 56 57
808 SCHENCK STREET
SHELBY 28150
U OF TENNESSEE 704 482-1482

HUNTER, JOHN BALDWIN GS /GP L/RT 28 32 47
618 E. MARION STREET
SHELBY 28150
NEW YORK U 704 487-6022

INJEJIKIAN, JIRAIR ALEXAN TS /GS AC 61 61 70
709 GROVER STREET
SHELBY 28150
AMERICA U BEIRUT 704 482-8371

JONES, CRAIG S. GS L 36 36 38
4051 GULFSHORE BLVD. N'PH-205
NAPLES, FL 33940
INDIANA U 813 261-5609

JONES, MARY MCKEEL S 86 00 83
BRANCH'S STATES, BOX 76
GREENVILLE 27834
EAST CAROLINA U 919 756-6398

JONES, ROBERT S.,JR.-BOBBY FP AC 81 81 79
113 GROVER STREET
SHELBY 28150
EAST CAROLINA U 704 487-5228

JONES, ROBERT SPURGEON FP AC 54 54 55
113 GROVER STREET
SHELBY 28150
U OF NC 704 487-5228

JONES, STEPHEN WATSON S 86 00 84
BRANCH'S ESTES, BOX 76
GREENVILLE 27834
EAST CAROLINA U 919 756-6398

KELLY, JOHNSON HALL U AC 78 78 84
1306 VISTA DRIVE
SHELBY 28150
BOWMAN GRAY 704 482-2011

KENDALL, BENJAMIN HORTON CD L/RT 29 29 31
315 WESTFIELD RD.
SHELBY 28150
U OF MARYLAND 704 487-8381

LAMPLEY, CHARLES GORDON, III OBG AC 62 62 70
P. O. BOX 1807
SHELBY 28150
BOWMAN GRAY

LANGLEY, CHARLES PITMAN, III IM AC 75 76 79
808 SCHENCK STREET
SHELBY 28150
U OF NC 919 482-1482

LEAKE, LAWRENCE ALBERT EM AC 84 84 86
RT. #2, BOX 144-L
CHERRYVILLE 28021
U OF VIRGINIA 704 739-3601

LEE, JOSEPH, III FP AC 63 64 65
711 W. MOUNTAIN STREET
KINGS MOUNTAIN 28086
MED U OF SC 704 739-5456

LUDWIG, GARY KEITH PTH /FOP AC 72 73 82
104 BROOKDALE ROAD
SHELBY 28150
U OF MICHIGAN 704 487-3147

MANGUM, GARY LIONELL ORS AC 67 67 78
202 E. GROVER ST.
SHELBY 28150
BOWMAN GRAY 704 482-7311

MAYBIN, RICHARD MADDEN GP /HYP AC 46 46 52
ROUTE #2
LAWNDALE 28090
MED U OF SC 704 538-8532

MAYSE, RAY SCOTT IM AC 76 79 80
707 W. KING STREET
KINGS MOUNTAIN 28086
BOWMAN GRAY 704 739-9776

MCGILL, JOHN CHARLES FP AC 46 50 52
P. O. BOX 392
KINGS MOUNTAIN 28086
VANDERBILT U 704 739-3681

MCKNIGHT, RODNEY LEONARD AN AC 55 55 56
P. O. BOX 957
SHELBY 28150
U OF NC 704 434-9671

MCMURRAY, CLARENCE MCCAIN IM AC 46 46 53
808 SCHENCK STREET
SHELBY 28150
BOWMAN GRAY 704 482-1482

MCMURRY, AVERY WILLIS GS AC 45 45 51
207 LEE STREET
SHELBY 28150
JEFFERSON 704 482-6359

MILAM, WILLIAM FREER PTH AC 66 66 79
PO BOX 1268
SHELBY 28150
OHIO STATE U 704 487-3147

MILLER, DONALD STUART ND /ON AC 62 62 78
1405-B N. LAFAYETTE STREET
SHELBY 28150
HARVARD 704 482-8936

MILLER, ROBERT MICHAEL FP AC 67 68 76
1198 WYKE ROAD
SHELBY 28150
U OF TENNESSEE 704 487-1148

MINUS, JOSEPH SHEPPARD PD AC 65 65 71
101 GROVER STREET
SHELBY 28150
DUKE 704 482-1435

MUENCH, LAURENCE WALTER AN AC 62 62 84
310 DOWNING DR.
KINGS MOUNTAIN 28086
WASHINGTON U 704 739-3601

NAMAN, CARL HAWKINS GS /CDS AC 67 68 75
1200 HARDIN DRIVE
SHELBY 28150
MED COLL OF GA 704 482-6359

PEARSON, LAWRENCE HAMILTON D AC 79 80 83
809 N. LAFAYETTE ST.
SHELBY 28150
U OF NC 704 484-0464

PENNY, LARUE DAVID, JR. PD AC 73 75 80
101 GROVER STREET
SHELBY 28150
MED U OF SC 704 482-1435

PLONK, GEORGE WEBB GS L/RT 44 45 53
902 CRESCENT CIRCLE
KINGS MOUNTAIN 28086
JEFFERSON 704 739-2272

POTTS, JAMES MARTIN GS /TS AC 73 73 79
809 N. LAFAYETTE STREET
SHELBY 28150
MED COLL OF GA 919 487-8591

POWELL, JESS AVERETTE,III DR AC 73 75 79
201 GROVER STREET
SHELBY 28150
U OF TENNESSEE 704 487-3141

ROBINSON, SAM GS /TS AC 53 65 66
106 EDGEMONT DRIVE
KINGS MOUNTAIN 28086
U OF TENNESSEE 704 739-4749

SARAZEN, PAUL MARK, JR. PD AC 48 50 55
101 GROVER STREET
SHELBY 28150
DUKE 704 482-1435

SECREST, ALVIN JACKSON, JR. U AC 63 63 71
1001 N. WASHINGTON STREET
SHELBY 28150
BOWMAN GRAY 704 482-2011

SINCOX, FRANCIS JOHN, JR. FP AC 58 63 64
P. O. BOX 392
KINGS MOUNTAIN 28086
EMORY U 704 739-3681

SPRAGINS, JOEL FRED GE /IM AC 64 64 73
808 N. SCHENCK STREET
SHELBY 28150
U OF ARKANSAS 704 482-1482

STALLINGS, MARTIN WADE PD AC 69 70 76
108 EDGEMONT DR.
KINGS MOUNTAIN 28086
U OF ALABAMA 704 739-2521

STORY, WILLIAM AUGUSTUS R/IM AC 58 66 67
201 GROVER STREET
SHELBY 28150
EMORY U 704 487-0003

TAYLOR, EVERETTE LESTER, JR. /FP 55 55 77
P. O. BOX 129
SPARTA 28675
DUKE 704 487-3134

TOFFOLO, RUDOLF RONALD R AC 57 58 84
GOLD RUN CT., RT. 5, BOX 87
KINGS MOUNTAIN 28086
ST U OF NY-BUFF 704 739-3712

VAN FLEET, WILLIAM VERNON P/CHP AC 61 65 79
802 N. LAFAYETTE ST.
SHELBY 28150
GEO WASHINGTON U 704 482-7395

WALKER, JOSEPH EDWARDS FP /AI AC 60 62 63
EDWARD CLINIC
RT. #3, BOX 146
LAWNDALE 28090
DUKE 704 538-8616

CLEVELAND COMPONENT SOCIETY (Continued)

WASHBURN, HARRILL GENE FP AC 58 59 63
P. O. BOX 815
BOILING SPRINGS 28017
BOWMAN GRAY 704 434-2281

WASHBURN, WILLARD WYAN GP /FP L/RT 43 43 47
P. O. BOX 795
BOILING SPRINGS 28017
JEFFERSON 704 434-2281

WILLIAMS, JACK DEAN OTO AC 65 65 73
209-B LEE ST.
PO BOX 1968
SHELBY 28150
DUKE 704 487-9088

YEOMANS, MERRILL BROOKS GP AC 52 52 54
205 LEE STREET
SHELBY 28150
U OF MINN 704 482-1231

ZUCKER, JOSEPH ORS AC 79 80 84
107 W. KING ST.
KINGS MOUNTAIN 28086
DALHOUSIE U 704 739-0151

24. COLUMBUS COMPONENT SOCIETY

OFFICERS—**President:** William A. Stout, M.D., Tabor City (919 653-2112)
Secretary: John D. Hodgson, M.D., Whiteville

BAREFOOT, WILLIAM FREDERICK GS L/RT 34 34 35
P. O. BOX 573
WHITEVILLE 28472
TULANE U 919 642-3256

BLACK, JOHN RILEY, JR. PH L 38 42 43
P. O. BOX 810
WHITEVILLE 28472
DUKE 919 642-8061

BULLOCK, THURMAN MONROE, JR. FP /A AC 61 61 63
104 SEVENTH AVENUE
CHADBOURN 28431
BOWMAN GRAY 919 654-3143

BUNN, DAVID GLENN GP AC 47 47 49
EAST MAIN STREET
WHITEVILLE 28472
U OF MARYLAND 919 642-2016

CARROLL, FRANCIS MURRAY FP /A AC 55 55 57
104 SEVENTH AVENUE
CHADBOURN 28431
BOWMAN GRAY 919 654-3143

DIMITRIOUS, ROBIN AN AC 66 77 81
P. O. BOX 364
WHITEVILLE 28472
EIN SHAMS U 919 642-8011

DONAYRE, LUIS ERNESTO GS /TS AC 59 67 68
144 JEFFERSON STREET
WHITEVILLE 28472
SAN MARCOS U 919 642-3136

FLOYD, ANDERSON GAYLE GP L/RT 37 37 39
302 N. THOMPSON STREET
WHITEVILLE 28472
MED U OF SC 919 642-2150

GLINSKI, RONALD PETER U/PTH AC 75 76 81
ROUTE #1, BOX 46A
WHITEVILLE 28472
U OF MICHIGAN 919 642-5832

†GREENE, WILLIAM ALEXANDER FP L 35 34 36
1206 PINCKNEY ST.
DECEASED -- 5-11-86
WHITEVILLE 28472
NORTHWESTERN U 919 642-3388

GRUBB, STEPHEN DALE FP AC 75 76 79
PIREWAY RD.
PO BOX 675
TABOR CITY 28463
WASHINGTON U 919 653-2113

KINDSCHUH, PETER MICHAEL OBG AC 80 80 85
CROMARTIE RD.
PO BOX 2141
ELIZABETHTOWN 28337
LOYOLA U 919 862-3112

MUKAMAL, RONALD SASSON GS /ORS AC 64 65 73
333 JEFFERSON STREET
WHITEVILLE 28472
ST U OF NY-BUFF 919 642-2336

MUNROE, JOHN FRANCIS IM /END AC 60 60 68
BALDWIN WOODS, S.W.
P. O. BOX 1249
WHITEVILLE 28472
U OF NC 919 642-2230

PIECH, KENNETH STOWELL PTH AC 75 78 83
1211 PINKNEY ST.
WHITEVILLE 28472
DUKE 919 642-8011

SMITH, RONNIE DALE EM /GP AC 78 79 81
701 E. FIFTH ST.
TABOR CITY 28463
U OF NC

STANLEY, COVIA LEVANCE OBG AC 78 79 83
801-E POWELL BLVD.
WHITEVILLE 28472
ST U OF NY-BUFF 919 642-6022

STANLEY, KARL HARVEY, JR. GP AC 76 77 79
P. O. BOX 512
WHITEVILLE 28472
HOWARD U 919 642-5888

STOUT, WILLIAM ALLEN FP AC 61 61 63
P. O. BOX 675
TABOR CITY 28463
BOWMAN GRAY 919 653-2112

THIGPEN, FRONIS RAY FP /PD AC 76 77 75
805 S. MADISON STREET
WHITEVILLE 28472
U OF NC 704 642-6121

TRAYLOR, HENRY WILLIAM, JR. IM /EM AC 77 79 83
805 S. MADISON
WHITEVILLE 28472
GEORGETOWN U 919 642-6121

WALTERS, HEZEKIAH GROVER, JR. GS AC 48 48 53
711 N. THOMPSON STREET
WHITEVILLE 28472
U OF MARYLAND 919 642-3214

WALTON, GEORGE BRITAIN, JR. R/NM AC 56 56 64
P. O. BOX 345
CHADBOURN 28431
DUKE 919 642-8011

WHEATLEY, SAMUEL NALLY OBG AC 75 76 79
BALDWIN WOODS
WHITEVILLE 28472
U OF LOUISVILLE

WILLIAMSON, ROSSIE MARSHALL GP L/RT 37 37 40
3004 WEDGEWOOD DR.
CEDAR CREEK VILLAGE
N. MYRTLE BEACH, SC 29582
U OF PENN 803 249-2126

WILLIFORD, PHILLIP MABON IM AC 81 82 85
P. O. BOX 1249
WHITEVILLE 28472
U OF NC 919 642-8157

WYCHE, JOSEPH THOMAS FP AC 41 41 48
ROUTE #2, BOX 30
WHITEVILLE 28472
U OF PENN 919 642-2706

25. CRAVEN-PAMLICO-JONES COMPONENT SOCIETY

OFFICERS—**President:** John H. Tinga, M.D., New Bern (919 633-4005)
Secretary: Richard W. Hudson, M.D., Bayboro (919 745-3191)

AIKEN, HOVEY EUGENE, JR. PD AC 56 63 64
707 PROFESSIONAL DRIVE
NEW BERN 28560
MED U OF SC 919 633-2900

ARMISTEAD, RAY BAXTER ORS AC 76 77 80
TRIANGLE PLAZA
P. O. BOX 1694
NEW BERN 28560
GEORGETOWN U 919 633-3256

BAGGETT, JOHN ROBERT IM AC 56 56 63
709 PROFESSIONAL DRIVE
NEW BERN 28560
U OF NC 919 633-5333

BALLARD, HARRY HAMPTON GS /CDS AC 71 76 82
P. O. BOX 1089
NEW BERN 28560
WEST VA U 919 633-2081

BARDEN, GRAHAM ARTHUR, III PD AC 82 82 79
707 PROFESSIONAL DR.
NEW BERN 28560
DUKE 919 633-2900

BARDEN, GRAHAM ARTHUR, JR. PD AC 48 48 53
707 PROFESSIONAL DRIVE
NEW BERN 28560
DUKE 919 633-2900

BAREFOOT, VERNA YOUNG PH AC 50 51 53
2504 OLD CHERRY POINT ROAD
NEW BERN 28560
GEO WASHINGTON U 919 637-5574

BECKWITH, GEORGE HUGHES CD /IM AC 71 71 76
P. O. BOX 2605
NEW BERN 28560
U OF VIRGINIA 919 633-4046

BELL, RICHARD ALAN PD AC 80 80 84
3804 BUTLER ROAD
NEW BERN 28560
U OF NC 919 633-2900

BELL, WILLIAM HARRISON, JR. DR /NM AC 46 46 53
P. O. BOX 2065
NEW BERN 28560
CORNELL U 919 633-5057

BENDER, NEIL CARMICHAEL IM AC 63 63 68
P. O. BOX 68
POLLOCKSVILLE 28573
U OF NC 919 633-1010

BENNETT, JOHN JOE GP /OM AC 60 60 79
102 GIBBS ROAD
NEW BERN 28560
U OF MARYLAND 919 633-0709

BLACKERBY, JAMES GP AC 32 32 66
1807 TRYON ROAD
NEW BERN 28560
U OF LOUISVILLE 919 637-3424

BLACKERBY, JAMES NICHOLAS GS AC 56 63 64
800 HOSPITAL DR.
NEW BERN 28560
U OF LOUISVILLE 919 633-2081

BLAIR, ROBERT GILLESPIE, JR. ORS AC 70 70 77
P. O. DRAWER 1694
NEW BERN 28560
U OF NC 919 633-4477

CRAVEN-PAMLICO-JONES COMPONENT SOCIETY (Continued)

BUFF, SAMUEL JOSEPH DR AC
P. O. BOX 2065 77 79 83
NEW BERN 28560
DUKE 919 633-5057

BURNETT, JOHN WESLEY, JR. FP AC
810 KENNEDY AVE. 71 71 76
NEW BERN 28560
MED COLL OF VA 919 633-1678

BUSTARD, VICTOR WILLIAM OBG /GYN AC
1912 NEUSE BOULEVARD 59 76 78
NEW BERN 28560
DALHOUSIE U 919 633-3339

CATER, CLINTON DUNCAN, JR. FP RT
2600 OAKLAND AVE. 64 64 71
ELKHART, IND. 46517
EMORY U 219 294-3551

CHANCE, JAMES KENNETH OPH AC
802 MCCARTHY BLVD. 76 76 81
NEW BERN 28560
BOWMAN GRAY 919 633-4183

CLARK, JOEL ARNOLD, JR. U AC
800 HOSPITAL DRIVE 56 64 66
NEW BERN 28560
U OF VIRGINIA 919 633-2712

COOPER, LYLE RAY IM AC
PO BOX 2685 80 81 80
NEW BERN 28560
U OF NC 919 638-4023

CRAIG, ISAAC ALAN PTH AC
PO BOX 2606 68 68 76
NEW BERN 28560
U OF NC 919 633-8194

DAVIDSON, ANDREW OPH AC
802 MCCARTHY BLVD. 69 69 76
NEW BERN 28560
U OF NC 919 633-4183

DAVIS, JUNIUS WEEKS, JR. PD /PH AC
201 ABNER NASH ROAD 46 46 50
NEW BERN 28560
MED U OF SC 919 633-4121

DAVIS, MICHAEL LEE IM AC
EASTERN CAROLINA INT. MED. 74 75 79
P. O. BOX 68
POLLOCKSVILLE 28573
WEST VA U 919 224-4591

DEGRAW, MARTIN CRAWFORD FP AC
810 KENNEDY AVE. 81 84 79
NEW BERN 28560
BOWMAN GRAY 919 633-1685

DUFFY, CHARLES FP L
607 POLLOCK STREET 30 30 35
NEW BERN 28560
JEFFERSON 919 637-2077

DUNN, ERNEST CLINTON, JR. GP AC
ROUTE #1, #41, TOPSAIL DRIVE 79 79 79
ORIENTAL 28571
U OF NC 919 249-1061

GOODHALL-GUNN, PATRICIA AN AC
4509 STRATTON DR. 54 55 84
PO BOX 983
NEW BERN 28560
U OF LIVERPOOL 919 633-6117

GOODWIN, BONNIE JEANNE IM /ON AC
PO BOX 68 77 83 86
POLLOCKSVILLE 28573
DARTMOUTH U 919 633-1010

GRADY, RICHARD DWIGHT OTO /HNS AC
P. O. BOX 2406 77 77 83
NEW BERN 28560
U OF NC 919 638-2666

GRECO, PETER PAUL D AC
P. O. BOX 2908 67 68 74
NEW BERN 28561
NJ COLL OF MED 919 633-1817

GREWAL, SATPAL KAUR TR AC
CRAVEN COUNTY HOSPITAL 63 76 82
PO BOX 5117
NEW BERN 28560
M C OF AMRITSAR 919 633-8730

GRICE, ORMOND DREW GS AC
P. O. BOX 1089 67 67 77
NEW BERN 28560
U OF NC 919 633-3557

HALL, WILLIAM JAMES, JR. OTO AC
P. O. BOX 2406 77 80 83
NEW BERN 28560
U OF LOUISVILLE 919 638-2666

HAMMOND, ALFRED FRANKLIN, JR. GP L/RT
1514 TRENT BOULEVARD 34 34 37
NEW BERN 28560
JEFFERSON 919 637-6066

HILLER, CARL JULIEN ORS AC
P. O. DRAWER 1694 62 62 69
NEW BERN 28560
MED U OF SC 919 633-3256

HOLMES, ROBERT PEEL, III IM AC
709 PROFESSIONAL DRIVE 56 56 63
NEW BERN 28560
U OF NC 919 633-5333

HOLYK, PETER ROMAN OPH AC
1425 RACE TRACK RD. 78 79 83
NEW BERN 28560
TUFTS U 919 638-1332

HORNBAKE, EARL RODNEY, III IM AC
1700 ST. DELIGHT CHURCH RD. 76 77 79
NEW BERN 28560
U OF PITTSBURGH 919 633-0363

HUDSON, RICHARD WOODARD FP AC
PO BOX 729 61 61 64
BAYBORO 28515
U OF NC 919 745-3191

HUNT, WILLIAM BRYCE, JR. PUD /IM AC
P. O. BOX 2157 53 53 76
NEW BERN 28560
BOWMAN GRAY 919 633-8608

JACKSON, DONALD CHARLES R AC
P. O. BOX 2065 54 55 73
NEW BERN 28560
SHEFFIELD U 919 633-8708

JOYNER, RONNIE STEPHEN OBG AC
3631 WEDGEWOOD DRIVE 76 76 81
NEW BERN 28560
U OF NC 919 633-3942

KING, FRANCIS PARKER IM RT
210 WILSON POINT 46 46 53
NEW BERN 28560
HARVARD 919 637-5411

KUNKEL, COOPER DAVE, III OPH AC
802 MCCARTHY BLVD. 56 62 65
NEW BERN 28560
U OF VIRGINIA 919 633-4183

LIPPITT, DEVEREUX HAIGH PTH AC
P. O. BOX 2547 47 60 61
NEW BERN 28560
HARVARD 919 633-8581

LITTLE, HENRY REECE, JR. FP L/RT
800 HOSPITAL DRIVE 51 53 53
NEW BERN 28560
MED COLL OF VA 919 637-6118

LITTLE, SUZANNE BROWN IM /CD AC
800 HOSPITAL DRIVE 49 53 53
NEW BERN 28560
MED COLL OF VA 919 637-6118

MACDONALD, HENRY JOHN, JR. OTO AC
PO BOX 2406 69 69 75
NEW BERN 28560
U OF NC

MAHANEY, JOHN PHILIP, JR. FP AC
810 KENNEDY AVE. 71 74 76
NEW BERN 28560
MED COLL OF VA 919 633-1678

MAIER, RUDOLPH JOSEPH N AC
721 PROFESSIONAL DR. 63 63 85
NEW BERN 28560
LOYOLA U 919 633-3744

MANLEY, JAMES JOSEPH FP /EM AC
P. O. BOX 2585 78 80 84
NEW BERN 28561
NJ COLL OF MED 919 637-6194

MARTIN, DENNIS KEITH OBG AC
903 PINETREE DRIVE 78 78 78
NEW BERN 28560
U OF NC 919 633-4005

MAY, RONALD BRUCE PD /HEM AC
CRAVEN COUNTY HOSPITAL 73 74 84
P. O. BOX 1390
NEW BERN28560
U OF PENN 919 633-4121

MCNEILL, MARY DAVIS FP /PD AC
P. O. BOX 719 56 59 64
HAVELOCK 28532
LA STATE U 919 447-3613

MCQUADE, JOHN FRANCIS, III CD AC
4511 GLOUCESTER DRIVE 73 75 78
NEW BERN 28560
YALE 919 633-1010

MELTZER, MORTON FP AC
RTE. 1, BOX 231-A 65 65 70
CAMERON 28326
NEW YORK MED. COL. 919-245-4819

MILLNS, DALE THOMAS U AC
800 HOSPITAL DRIVE 46 53 53
NEW BERN 28560
CASE WESTERN RES 919 633-2712

MOELLER, GARLAND RADFORD RHU /IM AC
P. O. BOX 68 77 78 83
POLLOCKSVILLE 28573
DUKE 919 224-4591

MOELLER, MARK BOLTON ID /IM AC
P. O. BOX 68 77 81 82
POLLOCKSVILLE 28573
DARTMOUTH U 919 633-1010

MOELLER, WENDY PAULSON GE /IM AC
P. O. BOX 68 77 78 83
POLLOCKSVILLE 28573
DUKE 919 633-1010

MOORE, RONALD ALVIN IM /ON AC
709 PROFESSIONAL DRIVE 72 72 76
NEW BERN 28560
U OF NC 919 633-5333

MORGAN, RICHARD EARL GS AC
5211 TRENTWOODS DR. 73 73 78
NEW BERN 28560
BOWMAN GRAY 919 633-2081

NASHICK, GEORGE HENRY GP AC
PO BOX 729 75 75 76
BAYBORO 28515
U OF CONNECTICUT 919 633-1616

OLIVER, DAVID CLARK CD /IM AC
5215 TRENT WOOD DR. 74 74 78
NEW BERN 28560
BOWMAN GRAY 919 633-5333

OVERBY, JOSEPH RANDAL, JR. FP AC
810 KENNEDY AVE. 71 71 76
P. O. BOX 5409
NEW BERN 28560
BOWMAN GRAY 919 633-1678

PARKER, CHARLES L. OBG /GYN AC
801 MCCARTHY BLVD. 73 73 76
NEW BERN 28560
INDIANA U 919 633-3942

POCOCK, DONALD ANDREW IM /ID AC
5003 TRENT WOODS DRIVE 73 74 81
NEW BERN 28560
CASE WESTERN RES 919 633-1010

PRESTON, RONALD ALLYN IM AC
P. O. BOX 68 70 70 76
POLLOCKSVILLE 28573
MED COLL OF VA 919 633-1010

RAWLS, WILLIAM OBG AC
801 MCCARTHY BLVD. 66 66 72
NEW BERN 28560
U OF NC 919 633-3942

REED, JAMES CROFT R AC
P. O. BOX 2065 68 75 80
NEW BERN 28560
U OF MIAMI 919 633-5057

REIDA, RONALD JACK EM /PD AC
4514 GREENVIEW RD. 67 67 84
NEW BERN 28560
U OF KANSAS 919 637-4016

RICHARDSON, ERNEST C., JR. GYN /OBS AC
801 MCCARTHY BLVD. 43 43 48
NEW BERN 28560
JEFFERSON 919 633-3942

SCHIESS, ROBERT JOHN, III NS AC
2713 NEUSE BOULEVARD 78 80 84
NEW BERN 28560
BOWMAN GRAY 919 633-6070

SCHNEE, CHARLES FREDERICK GS /FP AS
290 SHORELINE DRIVE 34 34 81
NEW BERN 28560
MCGILL U 919 638-2962

CRAVEN-PAMLICO-JONES COMPONENT SOCIETY (Continued)

SCOVIL, JAMES A., JR. CD /IM AC 71 71 81
709 PROFESSIONAL DR.
NEW BERN 28560
U OF NC 919 633-5333

STONE, HARRY BENJAMIN, III OTO AC 65 65 73
701 PROFESSIONAL DR.
PO BOX 2406
NEW BERN 28560
DUKE 919 638-2666

TAYLOE, JOHN COTTEN, JR. ORS AC 60 60 66
P. O. DRAWER 2604
NEW BERN 28560
U OF NC 919 633-1635

THOMPSON, JOHN HARGETT FP 59 59 62
P. O. BOX 220
TRENTON 28585
U OF NC 919 448-4321

TINGA, JOHN HINNES OBG AC 75 75 81
903 PINE TREE DRIVE
NEW BERN 28560
BOWMAN GRAY 919 633-4005

TRULUCK, THOMAS BRIAN OBG AC 75 75 81
903 PINE TREE DRIVE
NEW BERN 28560
MED U OF SC 919 633-4005

UNDERHILL, THURLOW REED U AC 70 70 78
800 HOSPITAL DRIVE, STE. #4
NEW BERN 28560
U OF NC 919 633-2712

VANDERSEA, HAROLD MARK ORS AC 70 71 78
800 HOSPITAL DRIVE
NEW BERN 28560
ST U OF NY-BUFF 919 638-8113

WARREN, JOSEPH BENJAMIN GP AC 51 52 54
203 PINE ROAD
NEW BERN 28560
DUKE 919 637-5888

WERTMAN, MARK GRAHAM ORS AC 80 81 85
PO DRAWER 1694
NEW BERN 28560
WEST VA U 919 637-4477

WILKINS, KENNETH WORTH, JR. IM AC 80 81 84
702 NEWMAN RD.,
MCCARTHY SQUARE
NEW BERN 28560
U OF NC 919 633-5333

WINTERS, RICHARD RIZER WALKER PS AC 70 70 86
1425 GLENBURNIE RD.
NEW BERN 28560
ST LOUIS U 919 637-6800

26. CUMBERLAND COMPONENT SOCIETY

OFFICERS—**President:** William D. McLester, M.D., Fayetteville (919 323-2002)
Secretary: Stephen C. Rochman, M.D., Fayetteville (919 485-8801)

AHMAD, SARWAT WAHAJ P AC 65 77 78
3314 MELROSE ROAD, STE. 102
FAYETTEVILLE 28303
FATIMAH JINNAH 919 323-0790

AHMAD, WAHAJ DIN N/IM AC 57 57 74
3314 MELROSE RD., SUITE 102
FAYETTEVILLE 28304
KING EDWARD COLL 919 323-0790

ALLEYNE, GRANT LIVINGSTONE OBG AC 70 74 77
P. O. BOX 64838
FAYETTEVILLE 28306
U OF WEST INDIES 919 323-2767

ATASSI, INAD BADREDDIN NS AC 72 75 81
101 ROBESON ST. STE. 410
FAYETTEVILLE 28301
DAMASCUS U 919 483-5050

BAGGETT, JOSEPH WOODROW OBG AC 45 45 51
P. O. BOX 53514
FAYETTEVILLE 28305
U OF MARYLAND 919 485-1191

BAKRI, KAMAL MANUBHAI ON /IM AC 72 78 85
P. O. BOX 42935
FAYETTEVILLE 28309
BARODA U 919 323-1350

BARRY, WILLIAM EM /FP AC 56 56 57
3322 MELROSE ROAD
FAYETTEVILLE 28304
U OF NC 919 323-5880

BECKHAM, DAVID ROBERTSON AN AC 62 68 69
1762 METROMEDICAL DR.
FAYETTEVILLE 28302
MED U OF SC 919 323-5491

BEYER, ALFRED JAMES GS AC 67 67 82
521 BEAUMONT ROAD
FAYETTEVILLE 28304
CASE WESTERN RES 919 483-5031

BEYER, CATHERINE HERLIHY PD AC 67 67 85
1213 WALTER REED ROAD
FAYETTEVILLE 28305
CASE WESTERN RES

BINDER, GEORGE ARTHUR R AC 73 74 84
401 LAKESHORE DR.
FAYETTEVILLE 28305
U OF ILLINOIS 919 484-4028

BLACKBURN, ROBERT ALFRED OTO AC 66 66 83
3425 MELROSE ROAD
FAYETTEVILLE 28304
INDIANA U 919 485-7181

BLACKMON, EDWARD BARTON, JR. OBG AC 78 82 86
1219 WALTER REED RD.
FAYETTEVILLE 28304
MED U OF SC 919 323-2103

BLACKWELL, BRUCE WAYNE FP AC 80 82 85
1601-B OWEN DR.
FAYETTEVILLE 28304
OHIO STATE U 919 323-1152

BRIGGS, JOHN GLENN, JR. PS AC 69 69 78
1782 METRO MEDICAL DR.
FAYETTEVILLE 28304
U OF NC 919 323-1203

BRYAN, JOHN HUGH TR /HEM AC 69 69 83
DEPT. OF RADIATION, BOX 41208
CAPE FEAR VALLEY MED. CTR.
FAYETTEVILLE 28304
U OF NC 919 323-6690

BUTLER, CAREY JONES OTO AC 52 52 54
516 OWEN DRIVE
FAYETTEVILLE 28304
MED COLL OF VA 919 485-6101

CAMPBELL, FRANK HIGHSMITH GS /TS AC 46 50 56
P. O. BOX 53651
FAYETTEVILLE 28305
DUKE 919 485-6161

CHAUDHURI, DEBI PRASAD GS AC 62 71 77
1617 OWEN DRIVE
FAYETTEVILLE 28304
NILRATAN COLL 919 323-0101

CISZEK, THOMAS ARTHUR NPM /PD AC 77 78 86
PO BOX 2000
FAYETTEVILLE 28302
ST LOUIS U 919 323-6762

CLARK, FRANKLIN ST. CLAIR GS /CDS AC 73 73 79
1790 METROMEDICAL DRIVE
FAYETTEVILLE 28304
U OF NC 919 323-2626

CLARK, LOUIS PHILLIP, JR. HS /ORS AC 70 71 84
225 TIMBERLAKE DR.
FAYETTEVILLE 28304
MEHARRY MED COLL 919 484-2171

COOK, WILLIAM EUGENE FP /PUD L/RT 30 30 34
115 S. CHURCHILL DRIVE
FAYETTEVILLE 28303
WASHINGTON U 919 484-5321

COPELAND, GARY BENJAMIN OPH AC 60 60 67
1629 OWEN DRIVE
FAYETTEVILLE 28304
BOWMAN GRAY 919 484-6141

CRUMMIE, ROBERT GWINN P AC 65 64 69
6245 CLIFFDALE ROAD
FAYETTEVILLE 28304
DUKE 919 868-4816

DALY, LIAM N. P AC 60 67 69
2557 RAVENHILL DR., BLDG. 1A
FAYETTEVILLE 28303
U OF DUBLIN 919 484-5151

DANIEL, CROWELL TURNER, JR. OBG AC 48 48 59
1641 OWEN DRIVE
FAYETTEVILLE 28304
MED COLL OF VA 919 484-6474

DRAKE, DAVID EWING FP AC 51 52 56
P. O. BOX 3654
FAYETTEVILLE 28305
DUKE 919 485-3078

ELLENBOGEN, CHARLES IM /ID AC 64 69 81
1601-B OWEN DRIVE
FAYETTEVILLE 28304
U OF CHICAGO 919 323-1152

ELLISON, GERALD LYNN DR AC 65 65 73
495 RAYCONDA
FAYETTEVILLE 28304
GEO WASHINGTON U 919 483-7400

EWING, JOHN ALEXANDER P AC 46 52 55
2557 RAVENHILL DR.BLDG.1,STE.A
FAYETTEVILLE 28303
U OF EDINBURGH 919 484-5151

FABIAN, DENIS PS /GS AC 36 36 76
503 OWEN DR.
PO BOX 64517
FAYETTEVILLE 28306
LONDON U 919 483-8121

FLEISHMAN, MALCOLM IM /CD AC 54 54 59
P. O. BOX 35126
FAYETTEVILLE 28303
U OF NC 919 484-0144

FLEISHMAN, STEPHEN BAER P/CHP AC 74 76 76
1285 OLIVER STREET
FAYETTEVILLE 28304
U OF MARYLAND 919 484-4171

FOSTER, MALCOLM T., SR. PH /IM L/RT 27 27 30
2702 MIRROR LAKE DRIVE
FAYETTEVILLE 28303
EMORY U 919 484-0416

GARBER, EDGAR CLYDE, JR. GYN AC 44 47 50
1641 OWEN DRIVE
FAYETTEVILLE 28304
MED COLL OF VA 919 484-6474

GARDNER, FRANCIS SIDNEY, JR. OBG AC 51 51 61
1219 WALTER REED ROAD
FAYETTEVILLE 28304
U OF MARYLAND 919 323-2103

GARISON, GARY BROWN CD /IM AC 62 62 71
3423-A MELROSE ROAD
FAYETTEVILLE 28304
TEMPLE U 919 484-6154

GASKINS, RAYMOND ALBERT, JR. FP /OM AC 75 75 82
126 THORNCLIFF
FAYETTEVILLE 28303
U OF NC 919 323-3183

GILBERT, DAVID BRANSON CD /IM AC 65 65 81
1756 METROMEDICAL DRIVE
FAYETTEVILLE 28304
U OF COLORADO 919 323-1322

GILBERT, STANLEY KEITH, JR. ORS /HS AC 75 78 82
1300 MEDICAL DRIVE
FAYETTEVILLE 28304
U OF VIRGINIA 919 484-2171

GIMESH, JOHN SIGMUND PD AC 54 61 82
3415-C MELROSE ROAD
FAYETTEVILLE 28304
U OF BUDAPEST 919 484-8163

GINN, FRED LEGRAY PTH AC 62 66 78
CAPE FEAR VALLEY HOSPITAL
FAYETTEVILLE 28302
DUKE 919 323-6149

CUMBERLAND COMPONENT SOCIETY (Continued)

GODWIN, HAROLD LACY — IM AC
1601-B OWEN DRIVE — 47 47 53
FAYETTEVILLE 28304
HARVARD — 919 323-1152

GOMEZ, RAUL FERNANDO — P AC
P. O. BOX 40237 — 67 67 74
FAYETTEVILLE 28304
U OF CALDAS — 919 484-9634

GRAFF, LOUIS GEORGE — AN AC
2306 ROLLING HILL — 52 52 78
FAYETTEVILLE 28304
JEFFERSON — 919 323-6061

HAIR, GLENN EDGAR — OT /OTO AC
3314 MELROSE ROAD — 59 59 65
FAYETTEVILLE 28304
U OF NC — 919 323-1463

HAITHCOCK, WILLIAM DANA, JR. — OBG AC
1219 WALTER REED ROAD — 73 77 80
FAYETTEVILLE 28304
MED U OF SC — 919 323-2103

HALL, JAMES SAMUEL — PD AC
3415-C MELROSE ROAD — 57 57 62
FAYETTEVILLE 28304
DUKE — 919 484-8163

HARDISON, JOE WILLIAM — OBG /GE AC
1320 MEDICAL DRIVE — 65 65 72
FAYETTEVILLE 28304
U OF NC — 919 323-3301

HARDISON, LEWIS BENJAMIN — FP AC
P. O. BOX 64369 — 52 52 56
FAYETTEVILLE 28306
BOWMAN GRAY — 919 323-0085

HARMON, PERRY MONROE — OBG AC
1811 LAKESHORE DR. — 74 75 82
FAYETTEVILLE 28305
U OF NC — 919 484-3271

HARRIS, LARRY COLEMAN — PD AC
P. O. BOX 40405 — 77 78 81
FAYETTEVILLE 28309
DUKE — 919 323-4281

HARTNESS, ALVIN HUNTER — PD AC
514 OWEN DRIVE — 65 65 76
FAYETTEVILLE 28304
BOWMAN GRAY — 919 323-4571

HAYES, BENNETT ALLEN, JR. — OBG AC
1219 WALTER REED ROAD — 57 57 65
FAYETTEVILLE 28304
U OF NC — 919 323-2103

HEGGEN, CHARLES NATHANIEL — DR /NM AC
608 KNIGHTBRIDGE PLACE — 79 80 85
FAYETTEVILLE 28301
U OF IOWA — 919 396-1925

HENLEY, JOHN T., JR. — OTO AC
3314 MELROSE RD., STE. 100 — 72 72 81
FAYETTEVILLE 28304
U OF NC — 919 323-1463

HENSCHEN, HAL — GS AC
2515 MORGANTON RD. — 44 67 67
FAYETTEVILLE 28303
EMORY U — 919 485-8751

HIGHSMITH, WILLIAM COCHRAN — IM L/RT
410 DRUMHELLER ROAD — 31 30 32
CLEMMONS 27012
U OF CINCINNATI — 919 766-9905

HOFFMAN, CHARLES ANTHONY, JR. — U AC
513 OWEN DRIVE — 54 55 70
FAYETTEVILLE 28304
MED COLL OF VA — 919 485-8801

HOFFMAN, EDNA TERESA MAURA — OBG AC
348 VALLEY ROAD — 54 54 73
FAYETTEVILLE 28305
MED COLL OF VA — 919 485-4755

HOWILER, WILLIAM EDWARD, JR. — GE AC
1778 METROMEDICAL DRIVE — 70 73 77
FAYETTEVILLE 28304
MED U OF SC — 919 323-5203

HURDLE, THOMAS GRAY — U AC
1220 WALTER REED ROAD — 45 45 55
FAYETTEVILLE 28304
MED COLL OF VA — 919 485-3144

IZURIETA, HENRY — IM AC
514 BEAUMONT ROAD — 61 71 72
FAYETTEVILLE 28304
U OF MADRID — 919 485-8831

JIAMACHELLO, NICHOLAS — OBG RT
307 SYLVAN ROAD — 58 58 71
FAYETTEVILLE 28305
U OF PENN — 919 485-8729

JOHNSEN, LYNN — IM L
524 BEAUMONT ROAD — 43 48 49
FAYETTEVILLE 28304
U OF WISCONSIN — 919 484-6080

JOHNSON, JAMES ERWIN — ORS AC
3308 MELROSE ROAD — 69 70 79
FAYETTEVILLE 28304
U OF MINN — 919 484-4874

JOHNSON, PAUL SHELDON — P/AN AC
302 THORNCLIFF — 51 52 84
FAYETTEVILLE 28303
TEMPLE U — 919 488-2120

JONES, JOHN WESLEY — GE /IM AC
1314 MEDICAL DR., STE. 102 — 76 76 84
FAYETTEVILLE 28304
DUKE — 919 323-2477

JORDAN, WELDON HUSKE — IM AC
114 BROADFOOT AVENUE — 47 47 55
FAYETTEVILLE 28305
HARVARD — 919 484-3261

JORDAN, WILLIAM RAND — U AC
1786 METROMEDICAL DRIVE — 70 70 79
FAYETTEVILLE 28304
U OF NC — 919 485-8151

KEENEY, GLENWARD THOMAS — OBG AC
1219 WALTER REED ROAD — 67 67 77
FAYETTEVILLE 28304
MED COLL OF VA — 919 323-2103

KERANEN, VICTOR JOSEPH — NS AC
3314 MELROSE ROAD, SUITE 104 — 64 64 71
FAYETTEVILLE 28304
DUKE — 919 484-9802

KILGORE, LARRY CHARLES — FP AC
1430 BERKSHIRE RD. — 81 81 82
FAYETTEVILLE 28304
U OF ARKANSAS

KIM, SARAH — AI AC
1317 MEDICAL DR. STE. #3 — 50 50 82
FAYETTEVILLE 28304
LOMA LINDA U — 919 323-3890

KIM, WILLIAM NO CHUN — OBG /OM AC
1317 MEDICAL DR. — 52 52 82
FAYETTEVILLE 28304
LOMA LINDA U — 919 323-3890

KURTEN, LOUIS JOHN — IM /CD RT
2826 MILLBROOK RD. — 40 40 72
FAYETTEVILLE 28303
NORTHWESTERN U — 919 484-8058

LARSEN, LARS CHRISTIAN — FP AC
1601 OWEN DRIVE — 73 74 84
FAYETTEVILLE 28304
SYRACUSE — 919 323-1152

LEMASTER, PIERRE CLIFFORD — PD AC
1291 OLIVER STREET — 71 75 78
FAYETTEVILLE 28304
U OF FLORIDA — 919 483-2646

LEVI, GEORGE ALBERT — OPH L
1629 OWEN DRIVE — 50 50 58
FAYETTEVILLE 28304
MED U OF SC — 919 484-6144

LOGEL, ROBERT JOHN — ORS AC
3308 MELROSE ROAD — 72 72 77
FAYETTEVILLE 28305
U OF MISSOURI — 919 484-3114

LOGUE, STEPHEN STUART — IM AC
1766 METROMEDICAL DR. — 79 82 84
FAYETTEVILLE 28304
U OF NC — 919 483-8080

LOHAVICHAN, CHOOMSANG — NEP /IM AC
P. O. BOX 64277 — 65 65 74
FAYETTEVILLE 28306
SIRIRAJ HOSP U — 919 323-1315

LOHAVICHAN, VIRAT — CD /IM AC
P. O. BOX 64277 — 63 64 73
FAYETTEVILLE 28306
SIRIRAJ HOSP U — 919 323-1315

LOUGHLIN, HOWARD HOPKINS — PD AC
1213 WALTER REED ROAD — 70 74 76
FAYETTEVILLE 28304
U OF PENN — 919 484-6121

LUTMAN, GEORGE BENTON — PTH AC
P. O. BOX 2000 — 64 64 74
FAYETTEVILLE 28302
U OF MISSOURI — 919 323-6149

MACRAE, JOHN DONALD — R L/RT
700 MEASE PLAZA, APT. 850 — 27 28 30
DUNEDIN, FL 33528
U OF PENN — 813 733-1161

MARCOTTE, DAVID BACON — P AC
2557 RAVEN HILL, BLDG. 1,STE A — 63 63 82
FAYETTEVILLE 28303
CORNELL U — 919 484-5151

MAY, CHARLES RAYSOR, III — AN AC
2345 ROLLING HILL RD. — 62 62 84
FAYETTEVILLE 28304
MED U OF SC — 919 323-5491

MCALISTER, LINDA THERESA — OBG AC
PO BOX 53514 — 78 80 85
FAYETTEVILLE 28305
U OF CALIFORNIA — 919 485-1191

MCCUTCHEN, THOMAS M., JR — PD AC
1213 WALTER REED ROAD — 63 68 69
FAYETTEVILLE 28304
VANDERBILT U — 919 484-6121

MCDANIEL, JACK PASCHAL — OBG AC
1320 MEDICAL DRIVE — 56 56 64
FAYETTEVILLE 28304
U OF NC — 919 323-3301

MCFADYEN, OSCAR LEE, JR. — IM L/RT
524 VALLEY ROAD — 40 41 42
FAYETTEVILLE 28305
DUKE — 919 484-0221

MCLESTER, WILLIAM DUMAS — OPH /PTH AC
597 OLIVER STREET — 65 65 71
FAYETTEVILLE 28304
U OF NC — 919 323-2002

MEEK, JOE BERNARD — ORS AC
1300 MEDICAL DRIVE — 64 64 73
FAYETTEVILLE 28304
MED U OF SC — 919 484-2171

MEHTA, HASUMATI V. — FP /OBG AC
1611 OWEN DR. — 69 75 75
FAYETTEVILLE 28304
U OF BOMBAY — 919 323-4091

MEHTA, VIJAYKUMAR B. — HEM /ON AC
1611 OWEN DR. — 57 71 75
FAYETTEVILLE 28304
BARODA U — 919 323-4091

MEYMANDI, ASSAD — P/N AC
1212 WALTER REED ROAD — 62 66 67
FAYETTEVILLE 28304
GEO WASHINGTON U — 919 485-6166

MILLER, DUDLEY — OBG AC
150 ROBESON STREET — 59 59 70
FAYETTEVILLE 28301
U OF MISSOURI — 919 483-3156

MILLER, HORACE WILLIAM, JR. — IM /CD AC
1766 METROMEDICAL DR. — 51 51 53
FAYETTEVILLE 28304
BOWMAN GRAY — 919 485-2921

MILLER, WILLIAM CAREY, JR. — R AC
1653 BANBURY DRIVE — 58 58 69
FAYETTEVILLE 28304
MED U OF SC — 919 484-6881

MOELLER, ARLYN MCCLAY — FP AC
118 POMPTON DRIVE — 56 56 83
FAYETTEVILLE 28304
U OF IOWA — 919 424-6104

MORESS, RALPH LOUIS — P AC
P. O. BOX 2068 — 59 60 75
FAYETTEVILLE 28302
CORNELL U — 919 323-0601

MORRISON, ROBERT HOLCOMBE — OBG AC
1641 OWEN DRIVE — 44 44 55
FAYETTEVILLE 28304
U OF VIRGINIA — 919 484-0977

NEWMAN, WILLIAM HAROLD — GS /TS AC
3427 MELROSE ROAD — 56 56 65
FAYETTEVILLE 28304
BOWMAN GRAY — 919 484-4106

NORRIS, FRANCES SOCHOR — NM AC
5414 MALLARD CT. — 58 59 85
FAYETTEVILLE 28301
MED COLL OF PENN — 919 396-9887

CUMBERLAND COMPONENT SOCIETY (Continued)

O'HALE, JOHN AUGUSTINE IM /PUD AC
37 37 77
2717 HUNTINGTON ROAD
FAYETTEVILLE 28303
ST U OF NEW YORK 919 485-8671

PANTELAKOS, CONSTANTINE G. OTO AC
57 57 64
1653 OWEN DRIVE
FAYETTEVILLE 28304
DUKE 919 484-5108

PARFITT, HENRY E., JR. U AC
75 76 83
1786 METROMEDICAL DR.
FAYETTEVILLE 28303
U OF NC 919 485-8151

PATOW, WARREN EDWARD OBG AC
47 48 85
1601-B OWEN DR.
FAYETTEVILLE 28304
M C OF WISCONSIN 919 323-1152

PAUL, FRANKLIN ARTHUR GS AC
58 59 84
6834 TOWBRIDGE ROAD
FAYETTEVILLE 28306
HAHNEMANN 919 599-3346

PENNINK, MENNO NS AC
65 74 75
3314 MELROSE RD. STE. 103
FAYETTEVILLE 28304
U OF AMSTERDAM 919 323-0475

POLLARD, JOHN CHRISTOPHER PD AC
68 68 75
1213 WALTER REED DRIVE
FAYETTEVILLE 28304
U OF VIRGINIA 919 484-6121

POWELL, WILLIAM CARLYLE PD AC
52 52 58
P. O. BOX 53127
FAYETTEVILLE 28305
BOWMAN GRAY 919 484-3121

RAMPULLA, ELLIOT JOHN AN AC
72 72 82
1762 METROMEDICAL DRIVE
P. O. BOX 64405
FAYETTEVILLE 28306
BOWMAN GRAY 919 323-5491

RITCHEY, JOHN PHILLIP OPH AC
65 65 77
6816 UPPINGHAM ROAD
FAYETTEVILLE 28306
U OF OREGON 919 484-6141

RIVERS, RUEBEN NORMAN IM AC
78 79 84
1738 METROMEDICAL DRIVE
FAYETTEVILLE 28304
DUKE 919 323-2503

ROBERTS, GAYLE ARLEN ON AC
66 67 84
3368 QUARRY ROAD
FAYETTEVILLE 28303
U OF LOUISVILLE

ROBERTSON, JOHN NEWTON OPH L/RT
23 23 23
P. O. BOX 30
FAYETTEVILLE 28303
MED COLL OF VA 919 485-2732

ROCHMAN, STEPHEN CHARLES U AC
70 71 78
513 OWEN DRIVE
FAYETTEVILLE 28304
MEHARRY MED COLL 919 485-8801

ROOT, JAMES HAROLD, JR. PD AC
43 46 82
4506 KEG COURT
FAYETTEVILLE 28304
SYRACUSE 919 867-1025

ROTHSTEIN, MANFRED SHELDON D AC
74 75 77
1308 MEDICAL DRIVE
FAYETTEVILLE 28304
DUKE 919 323-2227

SALIBA, CONSTANTIN GS AC
50 50 71
3318 MELROSE ROAD
FAYETTEVILLE 28304
U OF ST JOSEPH 919 323-0280

SAPPENFIELD, LUTHER COOK, JR. OPH AC
57 57 65
1629 OWEN DRIVE
FAYETTEVILLE 28304
DUKE 919 484-6141

SEMONES, JEANNE ANGELA P AC
81 83 86
1285 OLIVER ST.
FAYETTEVILLE 28304
U OF NC 919 484-4171

SHAW, FRANK STEDMAN PD /PDA AC
59 59 66
P. O. BOX 53127
FAYETTEVILLE 28305
U OF PENN 919 484-3121

SHAW, JOHN ALEXANDER PD L/RT
23 23 26
5948 BRAGG BOULEVARD
FAYETTEVILLE 28305
U OF PENN 919 484-3121

SHEN, SUNG FAN FP AC
66 72 78
2414 HOPE MILLS ROAD
FAYETTEVILLE 28304
TAIWAN U-TAIPEI 919 424-2426

SHEREFF, RICHARD HENRY D/A AC
70 71 78
139 HUNTER CIRCLE
FAYETTEVILLE 28304
U OF TENNESSEE 919 323-4888

SIEWERS, CHRISTIAN FOGLE ORS /PM AC
44 50 50
S.E. REG. REHAB. CTR.
P. O. BOX 2000
FAYETTEVILLE 28302
MED COLL OF VA 919 323-6036

SNIPES, RICHARD DEAN OBS AC
42 45 46
P. O. BOX 53514
FAYETTEVILLE 28305
DUKE 919 485-1191

SNYDER, NORMAN IRWIN P/CHP AC
72 73 85
2557 RAVENHILL DR., BLDG. 1
SUITE A
FAYETTEVILLE 28303
WAYNE STATE U 919 484-5151

SPIVEY, BEVERLY JEAN EM /FP AC
78 79 76
150 ROBESON ST.
FAYETTEVILLE 28301
DUKE 919 483-7400

STAPLETON, SYDNEY SCOTT OPH AC
80 81 84
101 ROBESON ST., STE. 407
FAYETTEVILLE 28301
U OF NC 919 483-2117

STEFFES, BRUCE CARL GS AC
76 78 83
1790 METROMEDICAL DR.
FAYETTEVILLE 28304
U OF MICHIGAN 919 323-2626

STEINMAN, MARK EDWARD EM /GP AC
76 77 84
3412 RAMSEY STREET
FAYETTEVILLE 28301
MED COLL OF PENN 919 822-2348

STEWART, ALBERT, JR. IM AC
44 48 50
114 BROADFOOT AVENUE
FAYETTEVILLE 28305
WASHINGTON U 919 484-3365

STEWART, DAVID DUBOSE IM AC
82 82 85
114 BROADFOOT AVE.
FAYETTEVILLE 28305
MED U OF SC 919 484-3365

STITT, VAN JUNIUS, JR. FP AC
75 75 81
1601 OWEN DRIVE
FAYETTEVILLE 28304
U OF NC 919 323-1152

STOWE, FRED REECE, JR. N/CHN AC
58 58 77
3314 MELROSE RD., STE. 102
FAYETTEVILLE 28304
U OF NC 919 484-7405

VIETA, PAUL ANTHONY OBG AC
66 67 76
911 HAY ST.
PO BOX 53514
FAYETTEVILLE 28305
NJ COLL OF MED 919 485-1191

WAHBEH, CAMILLE JAMIL OBG AC
77 81 84
1601-B OWEN DRIVE
FAYETTEVILLE 28304
AMERICA U BEIRUT 919 323-1152

WALLS, BERTRAM EMMANUEL OBG AC
76 76 82
1774 METROMEDICAL DRIVE
FAYETTEVILLE 28304
DUKE 919 323-4155

WARREN, HAROLD DRAPER IM AC
37 40 79
2333 ROLLING HILLS ROAD
FAYETTEVILLE 28304
MCGILL U 919 484-1735

WEAVER, ROY ALBERT PTH AC
63 63 71
CAPE FEAR HOSPITAL
PO BOX 2000
FAYETTEVILLE 28302
U OF NC 919 323-6149

WEBB, ROBERT KENT NEP /IM AC
67 73 76
P. O. BOX 64668
FAYETTEVILLE 28306
WEST VA U 919 484-8114

WELLS, CHARLES LEWIS PTH AC
59 60 70
CAPE FEAR VALLEY MED. CTR.
PO BOX 2000
FAYETTEVILLE 28302
U OF PITTSBURGH 919 323-6149

WETTER, JAMES MICHAEL FP AC
74 78 79
1601-B OWEN DRIVE
FAYETTEVILLE 28306
ST U OF NY-BUFF 919 323-1152

WHETSELL, DOUGLAS WAYNE IM /PUD AC
68 68 85
1756 METROMEDICAL DR.
FAYETTEVILLE 28304
MED U OF SC 919 323-1322

WILLIS, ROBERT FREDERICK FP AC
51 52 52
204 S. MAIN STREET
HOPE MILL 28348
MED COLL OF VA 919 424-6644

WITHERS, LARRY DALE AN AC
77 79 81
150 ELLERSLIE DR.
FAYETTEVILLE 28303
EMORY U 919 864-5117

WOODWORTH, THOMAS BELL FP AC
69 71 75
1657 OWEN DRIVE
FAYETTEVILLE 28304
U OF MICHIGAN 919 484-6540

WORDEN, NEIL ASHTON FP AC
51 51 55
116 ROWAN STREET
FAYETTEVILLE 28301
U OF LOUISVILLE 919 483-0463

WRIGHT, EUGENE EDWARD, JR. IM AC
78 79 82
1738 METROMEDICAL DR.
FAYETTEVILLE 28304
DUKE 919 323-2503

29. DAVIDSON COMPONENT SOCIETY

OFFICERS—**President:** Michael S. Broder, M.D., Thomasville (704 475-6161)
Secretary: Dale M. Mandel, M.D., Thomasville (704 475-7148)
Executive Secretary: Kay K. Saintsing, P.O. Box 1642, Lexington 27292 (704 243-2629)

ARNOLD, TERRY VINCENT IM AC
73 74 80
244-C FAIRVIEW DRIVE
LEXINGTON 27292
OHIO STATE U 704 249-7051

BECK, ROBERT KENT OTO AC
79 80 85
20 W. FIFTH AVE.
LEXINGTON 27292
AUTONOMA U 704 246-8660

BLACK, JAMES FRANKLIN OBG AC
75 75 75
7 MEDICAL PARK DRIVE
LEXINGTON 27292
U OF NC 704 243-2431

BLACKWELL, OSCAR MOORE, III IM /BE AC
74 75 78
309 PINEYWOOD ROAD
THOMASVILLE 27360
EMORY U 919 475-8121

BOLSTAD, KARL EDWARD ORS AC
72 73 80
11 MEDICAL PARK DR.
LEXINGTON 27292
U OF MICHIGAN 919 249-2978

BOSKEN, DONALD WILLIAM FP AC
74 74 78
400 RANDOLPH ROAD
THOMASVILLE 27360
U OF KANSAS 919 475-7163

DAVIDSON COMPONENT SOCIETY (Continued)

BRODER, MICHAEL SYLVAN DR AC
207 OLD LEXINGTON ROAD 69 70 80
THOMASVILLE 27360
ALBERT EINSTEIN 919 472-2000

BURCHEL, HAROLD CURTIS FP AC
201 W. HOLLY HILL ROAD 67 67 73
THOMASVILLE 27360
SYRACUSE 919 475-2915

BURKE, JAMES OTIS, JR. PD AC
8 MEDICAL PARK DRIVE 65 65 71
LEXINGTON 27292
U OF NC 704 249-4911

BUSBY, WILLIAM JARVIS ORS AC
105 PINEYWOOD ROAD 70 72 81
THOMASVILLE 27360
U OF NC 919 475-8141

BYRNES, THOMAS HENDERSON,JR. IM /CD AC
309 PINEYWOOD ROAD 63 63 71
THOMASVILLE 27360
DUKE 919 475-8121

CABRAL, DEBORAH BARBARA FP AC
208-B W. CENTER ST. 80 82 85
LEXINGTON 27292
ST U OF NY-BUFF 704 249-2921

CATHELL, EDWIN JENNINGS GP L/RT
P. O. BOX 440 30 30 32
LEXINGTON 27292
EMORY U 704 246-2745

CITRIN, KERRY ALAN GS AC
105 PINEYWOOD ROAD 70 75 78
P. O. BOX 1187
THOMASVILLE27360
HAHNEMANN 919 475-7148

CRANFORD, HAROLD DAVIS OPH AC
22 YOUNG DR. 56 56 59
PO BOX 747
LEXINGTON 27292
DUKE 704 249-7544

CRAVEN, NICHOLAS SCOTT FP /P AC
123 EASTSIDE DR. 62 62 78
LEXINGTON 27292
DUKE 704 246-2253

CROSBY, FAITH BERNADETTE PD AC
244 FAIRVIEW DRIVE 77 79 84
LEXINGTON 27292
MED U OF SC 704 246-4333

DACUS, ROBERT MABRY, III OBG AC
1302 LEXINGTON AVENUE 65 65 71
THOMASVILLE 27360
BOWMAN GRAY 919 475-6139

DEANG, CEDRIC RODRIGUEZ GS AC
1300 LEXINGTON AVENUE 63 74 78
THOMASVILLE 27360
FAR EAST U 919 475-2376

DEL TORO, MIGUEL HIGINIO DR AC
102 LINDEN LANE 72 75 85
LEXINGTON 27292
U OF PUERTO RICO 704 249-1515

DIXON, DIRK STANCILL, SR. R AC
P. O. BOX 1532 65 65 80
LEXINGTON 27292
BOWMAN GRAY 919 249-1515

DORTON, PHILLIP KEVIN OBG AC
1302 LEXINGTON AVE. 80 81 84
THOMASVILLE 27360
U OF NC 919 475-6139

FEDDER, MARC IM /ID AC
208-D W. CENTER STREET 75 79 84
P. O. BOX 557
LEXINGTON 27292
AUTONOMA U 704 249-4296

FUTRELL, THOMAS MILTON FP AC
201 W. HOLLY HILL ROAD 80 81 84
THOMASVILLE 27360
TEMPLE U 919 475-9164

GILLIAM, CHARLES FRANKLIN PD AC
200 ARTHUR DRIVE 52 52 54
THOMASVILLE 27360
U OF MARYLAND 919 475-2348

HARRIS, SAMUEL RANCHOR OBG AC
7 MEDICAL PARK DRIVE 68 68 75
LEXINGTON 27292
U OF NC 704 243-2431

HEDGPETH, JOSEPH ROWLAND OBG AC
1302 LEXINGTON AVENUE 66 66 73
THOMASVILLE 27360
BOWMAN GRAY 919 475-6139

HIGHSMITH, GEORGE PERRY IM AC
309 PINEYWOOD ROAD 46 46 50
THOMASVILLE 27360
BOWMAN GRAY 919 475-8121

HUNTER, JAMES EDWARD IM /BE AC
1057 RANDOLPH ROAD 62 62 69
THOMASVILLE 27360
CASE WESTERN RES 919 475-8121

HURST, DAVID MAURICE R/NM AC
1003 PINE NEEDLE LANE 62 62 69
THOMASVILLE 27360
U OF TENNESSEE 919 475-3056

LENAHAN, DEBORAH SMITHERMAN OPH AC
12 N. MAIN STREET 78 79 84
LEXINGTON 27292
U OF ALABAMA 704 243-2436

LEONARD, JACOB CALVIN, JR. OTO /OPH L/RT
119 W. SECOND AVE. 28 28 31
LEXINGTON 27292
JEFFERSON 704 246-5295

LOHR, DERMOT PH L/RT
20 VANCE CIRCLE 34 34 38
LEXINGTON 27292
JEFFERSON 704 246-2626

LOHR, LLOYD DERMOT OBG AC
7 MEDICAL PARK DRIVE 61 61 69
LEXINGTON 27292
U OF NC 704 243-2431

MANDEL, DALE MASON GS /TRS AC
105 PINEYWOOD RD. BOX 1187 77 80 85
THOMASVILLE 27360
U OF BOLOGNA 919 475-7148

MOCK, DAVID CARLTON GP AC
208-C W. CENTER STREET 46 46 50
LEXINGTON 27292
BOWMAN GRAY 704 246-5826

MORGAN, RICHARD YOUNG IM /GP AC
100 CAROLINA AVE. 47 53 54
LEXINGTON 27292
MED COLL OF VA 704 246-5836

PETERSEN, KENNETH MICHAEL GS /CDS AC
4 MEDICAL PARK DR. 74 74 81
LEXINGTON 27292
ST U OF NEW YORK 704 246-2487

PHELAN, JOHN WILLIAM JOSEPH P/IM AC
503 WILLOW DR. 61 62 85
THOMASVILLE 27360
NJ COLL OF MED 919 475-8184

PHILLIPS, MARVIN WORTH FP AC
P. O. BOX 367 45 45 49
THOMASVILLE 27360
MED COLL OF VA 919 472-7262

PLUMMER, CHARLES WAYNE AN AC
50 E. MAIN ST., STE. 111 78 81 85
THOMASVILLE 27360
DUKE 919 472-2000

REDWINE, JAMES DANIEL GP L/RT
6 WILLIAMS CIRCLE 31 31 34
LEXINGTON 27292
EMORY U 704 246-2658

RESTREPO, GUILLERMO LEON PTH AC
LEXINGTON MEMORIAL HOSPITAL 54 55 85
LEXINGTON 27292
NATL U COLOMBIA 704 246-5161

SHAFFER, JOHN SHERIDAN U AC
32-A SOUTH KIRKWOOD 74 75 81
LEXINGTON 27292
CASE WESTERN RES 704 249-7728

SLYMAN, JAMES FRANCIS OPH AC
12 N. MAIN STREET 77 78 82
LEXINGTON 27292
BOWMAN GRAY 704 243-2436

SMITH, DAVID CLARK IM L/RT
102 WESTOVER DRIVE 43 44 48
LEXINGTON 27292
BOWMAN GRAY 704 246-2929

SNIDER, BOBBY EUGENE GP AC
206-B W. CENTER STREET 53 54 54
LEXINGTON 27292
BOWMAN GRAY 704 246-4212

STEPP, HESTLEY DANARD PD AC
200 ARTHUR DRIVE 59 59 71
THOMASVILLE 27360
BOWMAN GRAY 919 475-2348

STRADER, EUGENE RAY FP AC
901 E. CENTER STREET 56 56 58
LEXINGTON 27292
BOWMAN GRAY 704 249-1200

STRADER, HUNTER GORDON, JR. FP AC
2 CHERRY STREET 58 58 63
LEXINGTON 27292
DUKE 704 249-9626

SUTTLE, EVELYN AMY PD AC
244 FAIRVIEW DRIVE 78 81 84
LEXINGTON 27292
U OF TENNESSEE 704 246-4333

TEAM, ROBERT ALSTON FP AC
2 CHERRY STREET 52 52 57
LEXINGTON 27292
BOWMAN GRAY 704 246-4539

THOMPSON, WILLIAM KEITH PD AC
200 ARTHUR DRIVE 69 69 77
THOMASVILLE 27360
BOWMAN GRAY 919 475-2348

TOLLIVER, JAMES BERT FP AC
510-A TURNER STREET 60 61 76
THOMASVILLE 27360
U OF LOUISVILLE 919 475-9171

UPPIN, A. S. GS AC
400 E. CENTER STREET 61 62 73
LEXINGTON 27292
BARODA U 704 249-2991

VOLKMER, DONALD DURHAM IM AC
OLD 29-70 SOUTH 72 79 84
P. O. BOX 579
LEXINGTON 27292
NORTHWESTERN U 704 249-7785

WELBORN, JAMES TODD FP AC
17 E. SECOND AVENUE 48 48 50
LEXINGTON 27292
U OF MARYLAND 704 246-5625

WILLIAMS, DAVID ROBERT PD AC
200 ARTHUR DRIVE 63 63 69
THOMASVILLE 27360
U OF NC 919 475-2348

WILLMOT, MICHEAL HENRY GS AC
1009 PINE NEEDLE LANE 75 75 82
THOMASVILLE 27360
U OF MISSISSIPPI 919 472-4433

WOLFBERG, BERNARD P AC
ROUTE #4, BOX 295-A 69 69 84
THOMASVILLE 27360
CHICAGO MED SCH 919 475-8184

YORK, SHELLEY CLYDE, JR. GS AC
1300 LEXINGTON AVENUE 51 52 59
THOMASVILLE 27360
U OF MARYLAND 919 475-2376

31. DUPLIN COMPONENT SOCIETY

OFFICERS—**President:** W. W. Sutton, M.D., Wallace (919 285-2111)
Secretary: Coragon Ngo, M.D., Kenansville

AMMAR, MOHAMED IBRAHIM OBG AC
P. O. BOX 468 65 80 82
KENANSVILLE 28349
U OF EIN SHAMS 919 296-1666

BLAIR, JAMES SEABORN, JR. FP AC
400 E. MAIN STREET 47 47 50
WALLACE 28466
U OF MARYLAND 919 285-2134

BOYETTE, EDWARD LEE FP /CD AC
CHINQUAPIN 28521 54 54 56
BOWMAN GRAY 919 285-3481

DUPLIN COMPONENT SOCIETY (Continued)

BRASHER, BRUCE UMPERTO IM AC
PLAINVIEW HEALTH SERVICE 81 84 85
PO BOX 337
ROSE HILL 28458
DUKE 919 289-3086

DIETRICK, RONALD BURTON GS /TS AC
KENANSVILLE SURGICAL CLINIC 53 53 85
BOX 845
KENANSVILLE 28349
U OF PENN

EWERS, EDWIN PATTERSON FP L/RT
P. O. BOX 487 35 36 39
WARSAW 28398
MED COLL OF VA 919 293-4432

HAWES, CHARLES FOREST GP L/RT
P. O. BOX 486 33 32 39
ROSE HILL 28458
NORTHWESTERN U 919 289-2739

HAYNES, CARL LEWIS, JR. FP AC
PO BOX 639 80 81 85
ROSE HILL 28458
U OF NC 919 289-3027

†HUNDLEY, DEANE, JR. FP L
219 E. MAIN STREET 34 36 38
DECEASED -- 5-13-86
WALLACE 28466
COLLEGE OF P&S 919 285-2404

MATTHEWS, GEORGE POWERS GP AC
P. O. BOX 609 43 43 47
ROSE HILL 28458
TEMPLE U 919 289-2330

NAGA, AHMED HADY DR AC
P. O. BOX 708 49 71 74
KENANSVILLE 28349
ALEXANDRIA U 919 296-0701

OVERTON, MARK HOWARD IM /FP AC
WALLACE MEDICAL VILLAGE 81 84 84
HIGHWAY 117 SOUTH
WALLACE 28466
U OF OREGON 919 285-2191

POPE, SAMUEL A. IM L/RT
BEULAVILLE 28518 35 35 52
U OF PENN 919 298-3193

QUINN, CORBETT LATIMER FP /PH AC
112-116 N. R.R. ST. 53 53 55
MAGNOLIA 28453
U OF MARYLAND 919 289-4165

SUTTON, WILLIAM WAYNE FP AC
337 N. NORWOOD STREET 59 59 60
WALLACE 28466
U OF NC 919 285-2111

32. DURHAM-ORANGE COMPONENT SOCIETY

OFFICERS—**President:** Walter J. Loehr, M.D., Durham (919 471-8439)
Secretary: Eugene M. Bozymski, M.D., Chapel Hill (919 966-2511)
Executive Secretary: Mrs. Jerry H. Nance, 419 Dickson Mill Rd., Durham 27705 (919 383-2602)

ABERNATHY, WILLIAM SHERWOOD CD /IM AC
2609 N. DUKE ST., STE, 403 69 70 80
DURHAM 27704
COLUMBIA U 919 471-8441

ACKER, JEFFREY CHARLES S
1909 YEARBY ST., APT. A 89 00 85
DURHAM 27705
DUKE 919 684-5154

ADAMS, BEVERLY J. S. OTO /HNS AC
1110 W. MAIN STREET 76 77 80
DURHAM 27701
DUKE 919 682-9341

ADAMS, MARTHA BENNETT IM AC
1901 HILLANDALE ROAD 76 78 84
DURHAM 27705
U OF VIRGINIA 919 383-1518

ADER, OTTIS LADEAU PH L/RT
PO BOX 507 25 25 51
WALKERTOWN 27051
U OF PENN 919 595-2251

AITKEN, MARY ELIZABETH S
308 BRIARBRIDGE VALLEY RD. 88 00 85
CHAPEL HILL 27514
U OF NC 919 929-7833

AKWARI, ANNE MICHEAUX OM /IM AC
IBM CORPORATION 657/205 76 76 85
P. O. BOX 12195
RESEARCH TRIANGLE PK 27709
HOWARD U 919 543-5508

ALDRICH, HARRY RANDOLPH S
BOX 2700, DUKE UNIV. MED. CTR. 87 00 83
DURHAM 27710
DUKE 919 684-6761

ALEXANDER, GEORGE ERIC S
1847 WOODBURN RD. 86 00 85
DURHAM 27705
DUKE 919 286-3229

ALLEN, ELIZABETH P AC
3333 CHAPEL HILL BOULEVARD 58 58 71
DURHAM 27707
U OF TENNESSEE 919 489-3889

ALLEN, JAMES LATHAN OBG AC
1821 GREEN STREET 65 65 74
DURHAM 27705
EMORY U 919 286-1258

ALLEN, RODNEY H. OBG /END S
602 THE OAKS 88 00 84
CHAPEL HILL 27514
U OF NC 919 929-5745

ALLF, BRYAN EWING S
1711 SHAWNEE STREET 87 00 84
DURHAM 27701
DUKE 919 683-1099

ALTSHULLER, LILLIS FLATMAN PD AC
1301 FAYETTEVILLE ST. 54 54 86
DURHAM 27707
CASE WESTERN RES 919 683-1316

ALVA, JUAN GE /IM AC
609 VICKERS AVENUE 60 77 81
DURHAM 27701
ST LOUIS U 919 688-4748

ALYEA, EDWIN PASCAL, III S
2211 MOREHEAD AVE. #3 89 00 86
DURHAM 27707
DUKE 919 495-5608

AMAYA, MARCELINO CHP /P AC
2928 FRIENDSHIP ROAD 54 65 66
DURHAM 27705
NAT U OF MEXICO 919 575-7621

ANDERSON, CARL ELVING P R
1702 VISTA ST. 83 83 85
DURHAM 27701
CORNELL U 919 688-5373

ANDERSON, EDWARD EVERETT U AC
DUKE UNIVERSITY MEDICAL CTR. 58 59 65
DURHAM 27710
DUKE 919 684-3448

ANDERSON, JAY ARTHUR R
4114 LIVINGSTONE PLACE 84 85 85
DURHAM 27707
U OF NC 919 489-2184

ANDERSON, PAGE ALBERT WILLIS PDC AC
BOX 3218, DUKE MEDICAL CTR. 64 65 80
DURHAM 27710
DUKE 919 684-2538

ANDERSON, WILLIAM BANKS, JR. OPH AC
DUKE UNIVERSITY EYE CENTER 56 56 60
DURHAM 27710
HARVARD 919 684-3343

ANDOLSEK, KATHRYN MARIJOAN FP /GER AC
407 CRUTCHFIELD ST. 75 77 86
DURHAM 27704
NORTHWESTERN U 919 471-2571

ANDRESEN, JEFFRY JOHN PYA /P AC
NCMH,234 WING C-PSYCHIATRY 64 64 71
CHAPEL HILL 27514
U OF PENN 919 966-3378

ANDREWS, PAUL STEPHEN OBG AC
2609 N. DUKE ST. STE. 204 81 81 79
DURHAM 27704
U OF NC 919 471-8402

ANDREWS, ROBERT WILLIAM U AC
923 BROAD ST. 80 85 85
DURHAM 27705
BOWMAN GRAY 919 286-1297

ANDREWS, SUSAN DEBORAH R
2314 WILSON STREET 82 84 84
DURHAM 27705
MICHIGAN ST U 919 286-4079

ANGELILLO, JOHN CHARLES MFS AC
DUKE MEDICAL CENTER 70 70 76
DIV. OF PLASTIC SURGERY
DURHAM 27710
DUKE 919 684-2943

ANLYAN, WILLIAM GEORGE GS AC
BOX 3701, DUKE MEDICAL CENTER 49 51 56
DURHAM 27710
YALE 919 684-3438

ANTOSZYK, ANDREW NICHOLAS OPH R
3116 STANFORD DRIVE 83 83 84
DURHAM 27707
NEW YORK MED COL 919 489-3937

ARENA, JAY MORRIS PD L
DUKE HOSPITAL, BOX 3024 32 32 39
DURHAM 27710
DUKE 919 684-6138

ARMSTRONG, MICHAEL, JR. S
1315 MOREENE RD., APT. 25-F 89 00 85
DURHAM 27705
DUKE

ASKAR, ABDULLAH ONSY P/FP R
H-STREET, #33 70 83 85
BUTNER 27509
MANSOURAH U 919 575-9005

ASKIN, FREDERIC BARTON PTH AC
NCMH, DEPT. OF PTH, BOX 27 64 64 84
CHAPEL HILL 27514
U OF VIRGINIA 919 966-1394

ATSTUPENAS, ELIOT ANTHONY S
STRATFORD HILLS APTS. 12-D 89 00 85
CHAPEL HILL 27514
U OF NC 919 929-9027

AYSCUE, LANIER HASTY S
813 EMORY DR. 89 00 86
CHAPEL HILL 27514
U OF NC 919 968-0516

BAILEY-PRIDHAM, DWIGHT D. R
RT. #2, BOX 523 83 85 86
DURHAM 27705
U of CA-San Diego 919 383-7104

BAILEY, ANN GERYL AN /PD AC
ROUTE #12, BOX 193 80 85 85
CHAPEL HILL 27514
SOU IL MED SCH 919 684-8111

BAILEY, CLARENCE ALMON, JR. PD /AI AC
1824 HILLANDALE ROAD 58 63 64
DURHAM 27705
U OF NC 919 286-2202

BAKER, LENOX DIAL ORS L/RT
BOX 3706, DUMC 34 35 37
DURHAM 27710
DUKE 919 684-2628

BAKER, MARK EARLY DR AC
DUMC, BOX 3808 78 79 83
DURHAM 27710
LOYOLA U 919 681-2711

BAKEWELL, WILLIAM ERNEST, JR. P AC
N. C. MEMORIAL HOSPITAL 49 60 61
CHAPEL HILL 27514
MCGILL U 919 966-4551

BARADA, FRANC A., JR. RHU /IM AC
2609 N. DUKE ST. 71 71 82
DURHAM 27704
U OF VIRGINIA 919 477-5179

BARBANO, EDWARD FRANCIS, JR. S
BOX 2703, DUMC 89 00 85
DURHAM 27710
DUKE 919 684-5154

BARKER, RUDY WATKINS OBG AC
2609 N. DUKE ST., STE. 204 67 67 74
DURHAM 27704
U OF NC 919 471-8402

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

BARNES, ROBERT STEPHEN P AC
228 CHERYL AVE. 80 82 86
DURHAM 27712
DUKE 919 477-3459

BARRY, DAVID WALTER IM /ID AC
BURROUGHS WELLCOME CO. 69 70 84
3030 CORNWALLIS ROAD
RESEARCH TRIANGLE PK 27709
YALE 919 248-4534

BARWICK, WILLIAM JAMES PS AC
BOX 3098, DUMC 71 71 85
DURHAM 27710
U OF TENNESSEE 919 684-2854

BASSETT, FRANK HOUSTON, III ORS AC
DUKE UNIV. MED. CTR. 57 58 64
DURHAM 27710
U OF LOUISVILLE 919 684-4378

BATES, EVAN SCOTT S
1740 MALCOLM AVE. #204 86 00 83
LOS ANGELES, CA 90024
U OF NC 213 475-6733

BATTIGELLI, MARIO CESARE PUD /OM AC
UNC, DEPT. OF MEDICINE 51 65 66
CHAPEL HILL 27514
U OF FIRENZE 919 966-2531

BAYLIN, GEORGE JAY DR /OTO L/RT
2535 WRIGHTWOOD AVENUE 37 41 42
DURHAM 27705
DUKE 919 489-9637

BEATTY, PETER T. S
2205 CRANFORD RD. 89 00 85
DURHAM 27706
DUKE 919 489-9271

BEAZLEY, MARGIE LANE S
13 HAMILTON ROAD 88 00 84
CHAPEL HILL 27514
U OF NC 919 942-2779

BECHTOLDT, ALBERT ARTHUR, JR. AN AC
UNC, DEPT. OF ANES. 61 61 69
CHAPEL HILL 27514
YALE 919 966-5136

BECKER, KYRA JO S
BOX 2876, DUMC 89 00 85
DURHAM 27710
DUKE

BECKWITH, MARY KRISTINE OBG AC
1821 GREEN ST. 82 82 86
DURHAM 27705
U OF IOWA 919 286-1250

BEDROSIAN, CAMILLE LUCIA IM R
9-A TARAWA TERRACE 83 84 84
DURHAM 27705
HARVARD 919 383-4972

BEITZ, LAURIE OWEN S
201 WESTBROOK DR. APT. B-1 89 00 85
CARRBORO 27510
U OF NC 919 929-7771

BELHORN, THOMAS H. S
901-A N. GREENSBORO ST. 87 00 84
CARRBORO 27510
U OF NC 919 929-6342

BELL, DOROTHY MCFARLAND OPH AC
1110 W. MAIN ST. 75 75 80
DURHAM 27701
U OF CHICAGO 919 682-9341

BELL, ELIZABETH ANNE S
52-B DAVIE CIRCLE 89 00 85
CHAPEL HILL 27514
U OF NC 919 942-6137

BELL, WILLIS HARVEY, II IM /PUD RT
2027 WAWA AVENUE 64 64 70
DURHAM 27707
DUKE 919 493-1048

BENTON, THOMAS WYATT R
100 BAYWOOD PLACE 83 84 86
CHAPEL HILL 27514
U OF NC 919 929-9509

BENTSEN, BIRGER STEVEN R
PO BOX 1323 83 84 86
CHAPEL HILL 27514
U OF CINCINNATI 919 942-8226

BERGANT, JAMES ALLEN U AC
2609 N. DUKE ST., SUITE 302 69 70 76
DURHAM 27704
U OF KANSAS 919 471-8423

BERGER, GARY STERLING OBG /PH AC
109 CONNER DR., STE. 2104 69 73 76
CHAPEL HILL 27514
U OF ROCHESTER 919 968-4656

BERNSTEIN, ROSLYN JULIE IM R
4617 HOPE VALLEY RD., APT. H 85 00 82
DURHAM 27707
DUKE

BEVIN, ABNER GRISWOLD, JR PS /GS AC
UNC, DIV. OF PLASTIC SURGERY 60 60 69
CHAPEL HILL 27514
YALE 919 966-4446

BICKSTON, STEPHEN JOSEPH S
#73 HAMILTON ROAD 88 00 85
CHAPEL HILL 27514
U OF NC 919 933-3027

BIEHLER, DARREN FOSTER S
106-A ESTES DR. 88 00 86
CARRBORO 27510
U OF NC 919 942-9519

BIGGERS, WILLIAM PAUL OTO /A AC
610 BURNETT-WOMACK 229-H 63 63 69
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514
U OF NC 919 966-3341

BIRMINGHAM, LORRAINE FAITH FP R
5035 HADRIAN DR. 81 84 86
DURHAM 27703
DUKE 919 596-0430

BLYTHE, WILLIAM BREVARD IM /NEP AC
UNC, DEPT. OF MEDICINE 53 53 60
CHAPEL HILL 27514
WASHINGTON U 919 966-2565

BOAT, THOMAS FREDERICK PD /PUD AC
2025 S. LAKESHORE DRIVE 66 67 84
CHAPEL HILL 27514
U OF IOWA 919 966-4427

BOLESTA, MICHAEL JOSEPH ORS R
BOX 3000, DUMC 81 81 81
DURHAM 27710
U OF MISSOURI 919 684-8111

BOLICK, CHARLES ARTHUR S
901-A N. GREENSBORO ST. 87 00 84
CARRBORO 27510
U OF NC 919 929-6342

BOLLINGER, RALPH RANDAL GS /IG AC
BOX 2910, DUKE HOSPITAL 70 70 80
DURHAM 27710
TULANE U 919 684-5209

BOMBERG, ROBERT BRYAN IM AC
2609 N. DUKE STREET 64 65 74
DURHAM 27704
U OF COLORADO 919 471-8446

BOND, PAMELA EATON S
806 DEMERIUS ST., APT. T5 89 00 85
DURHAM 27701
DUKE 919 682-6097

BONDURANT, STUART IM AC
UNC, 125 MACNIDER BLDG. 53 53 80
CHAPEL HILL 27514
DUKE 919 966-4161

BOSSEN, EDWARD HECHT PTH AC
BOX 3712, DUMC 65 66 85
DURHAM 27710
DUKE 919 684-3300

BOSWELL, JOHN IVERSON, JR. CHP /P AC
N. C. MEMORIAL HOSPITAL 57 58 64
CHAPEL HILL 27514
U OF VIRGINIA 919 966-2025

BOWES, WATSON ALLEN, III S
38-A DAVIE CIRCLE 88 00 85
CHAPEL HILL 27514
U OF NC 919 942-6988

BOWLES, FRANCIS NORMAN OBG L/RT
1019 FISH CROW ROAD 24 24 26
SANIBEL, FL 33957
MED COLL OF VA 813 472-4436

BOYD, WILLIAM MONROE, V S
#1 SPRING GARDEN APTS. 89 00 85
CHAPEL HILL 27514
U OF NC 919 968-0106

BOZYMSKI, EUGENE MICHAEL GE /IM AC
UNC, DEPT.OF MEDICINE 60 60 69
324 CLINICAL SCI. BLDG. 229-H
CHAPEL HILL 27514
MARQUETTE U 919 966-2511

BRAASCH, LESLEY KRIEGMAN PYA /P AC
4114 DEEPWOOD CIRCLE 70 73 76
DURHAM 27707
ST U OF NEW YORK 919 493-2217

BRADLEY, DON WAYNE FP AC
407 CRUTCHFIELD ST. 76 77 86
DURHAM 27704
MED COLL OF VA 919 471-4421

BRANTLEY, BERT ALTON, JR. ON AC
307 COLONY WOODS DRIVE 78 80 76
CHAPEL HILL 27514
DUKE 919 684-2804

BRANTLEY, INGRID JEAN CHP /P AC
3510 UNIVERSITY DRIVE 74 80 80
DURHAM 27707
DUKE 919 489-1884

BRASHEAR, HARRY ROBERT, JR. ORS AC
N. C. MEMORIAL HOSPITAL 45 53 53
CHAPEL HILL 27514
U OF CALIFORNIA 919 966-2030

BRAUN, SIMON DAVID DR AC
824 SHADYLAWN RD 77 78 83
CHAPEL HILL 27514
EMORY U 919 681-2711

BREAM, CHARLES ANTHONY DR L
N. C. MEMORIAL HOSPITAL 40 52 52
CHAPEL HILL 27514
TEMPLE U 919 966-1461

BRENNER, WILLIAM EDWARD OBG /NPM AC
109 CONNER DR., STE. 2202 62 62 69
CHAPEL HILL 27514
CASE WESTERN RES 919 942-0011

BRESLIN, MARIANNE S. P/PYM AC
500 EASTOWNE DR., STE. 115 46 60 61
CHAPEL HILL 27514
DUSSELDORF GER 919 493-2657

BRINKHOUS, KENNETH MERLE PTH /HEM L
UNC, DEPT.OF PATH., 228-H 32 32 47
CHAPEL HILL 27514
U OF IOWA 919 966-1061

BRISLEY, JON PHILIP S
618-C HIBBARD DR. 88 00 85
CHAPEL HILL 27514
U OF NC 919 933-5874

BRITT, ROBERT CARL IM /PUD AC
1011 LAMOND AVENUE 61 61 68
DURHAM 27701
U OF NC 919 682-5583

BRODEUR, DAVID S
1505 DUKE UNIVERSITY RD.APT.5K 88 00 85
DURHAM 27701
DUKE 919 493-6718

BRODIE, HARLOW KEITH HAMMOND P AC
DUKE UNIV. ALLEN BLDG. RM 207 65 65 75
DURHAM 27706
COLUMBIA U 919 684-3220

BROMBERG, PHILIP ALLAN IM /PUD AC
724 CLI. SCI. BLDG. 229-H 53 68 81
UNC, DIV. PULMONARY DISEASE
CHAPEL HILL 27514
HARVARD 919 966-2531

BROOKS, CLYDE LONG, JR. IM R
934 HUNSWOOD LANE 85 00 82
CHARLOTTESVILLE, VA 22901
U OF NC 804 293-8569

BROSKIE, NANCY ELAINE S
10 MT. BOLUS RD. 89 00 85
CHAPEL HILL 27514
U OF NC 919 942-0827

BROWN, DAVID WARREN IM AC
891 W. WILLOW DRIVE 67 68 81
CHAPEL HILL 27514
U OF ROCHESTER 919 942-5123

BROWN, HOWARD RICHARD ORS R
BOX 31135, DUMC 84 84 84
DURHAM 27710
U OF CA-IRVINE 919 489-1169

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

BROWN, MARTIN TODD OPH S
28 GEORGETOWN COURT 86 00 83
DURHAM 27705
U OF NC 919 383-2927

BROWN, TERRY MICHAEL P R
134 LOBLOLLY LANE 84 84 84
CHAPEL HILL 27514
DES MOINES OST 919 967-2590

BROWNLEE, ROBERT CALVIN PD AC
111 SILVER CEDAR COURT 45 45 81
CHAPEL HILL 27514
VANDERBILT U 919 929-0461

BRUCH, RICHARD FRANKLIN ORS /GER AC
TRIANGLE ORTHOPAEDIC ASSOC. 72 73 77
2609 N. DUKE STREET
DURHAM 27704
U OF ILLINOIS 919 471-8431

BRUSINO, FRANCIS GREGORY AN R
3230-J MYRA ST. 83 83 85
DURHAM 27707
ST U OF NY-BUFF 919 732-6455

BRYAN, JAMES ALEXANDER, II IM /HEM AC
NC MEMORIAL HOSPITAL 57 57 65
DEPT. OF MEDICINE
CHAPEL HILL 27514
U OF PENN 919 966-2268

BUCHANAN, ROBERT A., JR. CD /IM AC
2609 N. DUKE ST., STE 403 69 69 74
DURHAM 27704
BOWMAN GRAY 919 471-8441

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BOX 3802, DUKE EYE CENTER 77 78 79
DURHAM 27705
DUKE 919 684-6084

BUCKWALTER, JOSEPH ADDISON GS AC
NCMH, DEPT. OF SURGERY 44 44 71
CHAPEL HILL 27514
U OF PENN 919 966-4220

BUGG, EVERETT IRVING, JR. ORS L
RT. #2, BOX 143 37 46 46
PITTSBORO 27312
JOHNS HOPKINS 919 286-1249

BULLARD, DENNIS EUGENE NS AC
BOX 3128, DUMC 75 75 83
DURHAM 27710
ST LOUIS U 919 684-2766

BUNCE, PAUL LESLIE U L/RT
ROUTE #7, BOX 646 42 52 52
CHAPEL HILL 27514
U OF CHICAGO 919 933-8766

BURHANS, ROLLIN SCOFIELD, JR. GS AC
1830 HILLANDALE ROAD 63 63 71
DURHAM 27705
U OF LOUISVILLE 919 383-5531

BURNETT, GORDON BERNARD P AC
BILLING ROAD 64 74 80
ST. ANDREWS HOSPITAL
NORTHAMPTON, NN15DG ENG.
ABERDEEN U 919 966-4448

BURNHAM, STEVEN JAMES GS AC
UNC DEPT. OF VS 72 72 79
229-H CLINICAL SCIENCE BLDG.
CHAPEL HILL 27514
VANDERBILT U 919 966-3391

BURNS, WALTER WOODROW, JR. GS AC
901 WILLOW DRIVE 69 72 76
CHAPEL HILL 27514
U OF NC 919 967-8258

BURTON, CLAUDE SHREVE,III D/IM AC
BOX 3511, DUMC 79 81 84
DURHAM 27710
DUKE 919 684-5037

BUSH, JANICE KAREN PD /ADL AC
137 ESSEX DR. 80 83 86
CHAPEL HILL 27514
U OF ALABAMA 919 248-2459

BUSSE, EWALD WILLIAM P/GER AC
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DURHAM 27710
WASHINGTON U 919 684-3416

BUTTS, JOHN DAVIS, JR. FOP AC
OFF.OF CHIEF MEDICAL EXAMINER 72 73 79
CHAPEL HILL 27514
DUKE 919 966-2253

BYNUM, DONALD K., JR. ORS /HS AC
245 BURNETT-WOMACK 229-H 76 76 83
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514
U OF TX-HOUSTON 919 966-2030

CALDWELL, DAVID STEWART RHU /IM AC
BOX 2978, DUMC 71 71 77
DURHAM 27710
BOWMAN GRAY 919 684-3313

CALIFF, ROBERT MCKINNON CD AC
BOX 31123, DUKE NORTH 78 78 76
DURHAM 27710
DUKE 919 681-4022

CALKINS, JERRY MILAN AN AC
DEPT. OF ANESTHESIOLOGY 76 79 85
NC MEMORIAL HOSP. 204-H
CHAPEL HILL 27514
U. OF ARIZONA 919 966-5136

CALLAWAY, JASPER LAMAR D L/RT
DUKE UNIV. MED. CTR. 32 32 37
DURHAM 27710
DUKE 919 684-3432

CALTON, WILLIAM CUYLER, JR. S
3625 MANFORD DR. 88 00 84
DURHAM 27707
DUKE 919 493-5372

CAMPBELL, JEFFREY PAUL S
APT. 16 HOLLAND DR. 88 00 85
CHAPEL HILL 27514
U OF NC

CARLSON, ERIC BARNETT IM R
24 ASTOR COURT 80 83 84
DURHAM 27705
HAHNEMANN 919 383-8651

CARNEY, CHARLES NOEL PTH AC
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CHAPEL HILL 27514
U OF ALABAMA 919 966-4676

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DURHAM 27710
DUKE 919 493-3695

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U OF TENNESSEE 919 286-7903

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HILLSBOROUGH 27278
STANFORD U 919 684-2711

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DURHAM 27710
GEO WASHINGTON U 919 684-2127

CARSON, SHANNON STEWART S
42-A STRATFORD HILLS APTS. 89 00 86
CHAPEL HILL 27514
U OF NC 919 968-8231

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DURHAM 27710
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210 CEDARWOOD LANE 89 00 85
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U OF NC 919 942-4799

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710 BRANIFF DR. 87 00 84
CARY 27511
U OF NC

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DURHAM 27710
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430 LAKESHORE LANE 59 61 81
CHAPEL HILL 27514
TUFTS U 919 966-1601

CHAMBERLIN, HARRIE ROGERS PD L/RT
UNC, DEPT. OF PEDIATRICS 45 53 53
CHAPEL HILL 27514
HARVARD 919 966-5171

CHANDLER, ARTHUR CECIL, JR. OPH AC
1830 HILLANDALE ROAD 59 59 66
DURHAM 27705
DUKE 919 383-5531

CHANG, CAROLYN HERI S
2302 W. CLUB BLVD. 89 00 85
DURHAM 27710
DUKE 919 286-1409

CHATTERJEE, BENU CD R
2209 MILLPINE DR. 80 84 85
RALEIGH 27614
MYSORE U 919 846-0617

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DURHAM27707
BOWMAN GRAY 919 489-1241

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WILMINGTON 28403
U OF NC 919 395-6840

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PO BOX 4588, DUKE STATION 89 00 86
DURHAM 27706
DUKE 919 684-2227

CHOW, GREGORY HENKUO S
2009 SOUTHWOOD DR. #1 88 00 84
DURHAM 27707
DUKE 919 383-6849

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MED U OF SC 919 684-2498

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CHAPEL HILL 27514
ST LOUIS U 919 933-1294

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CHAPEL HILL 27514
U OF NC 919 967-0763

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DURHAM 27710
U OF NC 919 684-6674

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U OF MICHIGAN 919 682-9341

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CHAPEL HILL 27514
JOHNS HOPKINS 919 966-4397

CLARK, THOMAS BOYLE, III PTH R
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MED U OF SC 919 684-3300

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114-A HIGH STREET 87 00 85
CARRBORO 27510
U OF NC 919 967-2638

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MED COLL OF VA 919 682-9341

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DURHAM 27710
WASHINGTON U 919 684-4229

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

CLYDE, WALLACE ALEXANDER, JR. PD /ID AC
UNC SCHOOL OF MEDICINE 229-H 54 55 63
535 BURNETT-WOMACK
CHAPEL HILL 27514
VANDERBILT U 919 966-2331

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DURHAM 27710
HARVARD 919 684-3799

COGGINS, DAVID ALLEN S
302-E BOLINWOOD APTS. 87 00 84
CHAPEL HILL 27514
U OF NC 919 967-7511

COHAN, RICHARD HARRIS DR AC
9 RABBITS GLEN TERRACE 79 81 86
DURHAM 27713
NEW YORK U 919 681-2711

COHEN, KENNETH LEE OPH AC
UNC, DEPT. OF OPH. 71 72 79
617 CLINICAL SCI. BLDG. 229-H
CHAPEL HILL 27514
U OF ILLINOIS 919 966-5296

COHEN, MYRON SCOTT ID AC
UNC,547 BURNETT-WOMACK, 229-H 74 74 85
CHAPEL HILL 27514
RUSH MED COLL 919 966-2536

COHEN, SUSAN RAY S
208 HOWELL ST. 88 00 85
CHAPEL HILL 27514
U OF NC

COLE, JACK MARTIN S
D-7 BERKSHIRE MANOR APTS. 88 00 85
CARRBORO 27510
U OF NC

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DURHAM 27710
U OF NC 919 684-6819

COLEMAN, RALPH EDWARD NM AC
DUMC, DEPT. OF RADIOLOGY 68 68 83
DURHAM 27710
WASHINGTON U 919 681-5454

COLEY, ELWOOD BROGDEN PD AC
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DURHAM 27707
U OF PENN 919 493-8608

COLEY, SILAS BODIE, JR. P/N AC
815 KENMORE ROAD 65 65 69
CHAPEL HILL 27514
U OF NC 919 929-0326

COLLIER, ALBERT MILFORD PD /ID AC
UNC, 535 CLINICAL SCIENCE BLDG 63 63 72
CHAPEL HILL 27514
U OF MIAMI 919 966-2331

COLLIER, THOMAS FRANCIS S
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DURHAM 27705
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ALBANY MED COLL 919 933-5455

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N-5 WOODBRIDGE APTS. 89 00 85
CARRBORO 27510
U OF NC 919 929-6091

COOK, PERRY FLETCHER S
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DURHAM 27705
DUKE 919 286-2389

COOK, WESLEY ALLEN, JR. NS AC
DUMC, DIV. OF NEURO-SURGERY 63 63 72
DURHAM 27710
U OF OREGON 919 684-3582

COONRAD, EVELYN VAIL HEM /ON AC
1830 HILLANDALE ROAD 49 52 56
DURHAM 27705
DUKE 919 383-5531

COONRAD, RALPH WOODWARD ORS /HS AC
1828 HILLANDALE ROAD 47 50 55
DURHAM 27705
DUKE 919 286-1249

COOPER, HERBERT A. PHO /CLP AC
UNC, DEPT. OF PEDIATRICS 64 65 76
BURNETTE-WOMACK BLDG. 229-H
CHAPEL HILL 27514
U OF KANSAS 919 966-1178

COOPER, RANDOLPH A. STRATTON IM /HEM S
1007 NORWOOD AVE. 87 00 85
DURHAM 27707
DUKE 919 489-5643

COPPRIDGE, ALTON JAMES U AC
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U OF VIRGINIA 919 286-1297

COUNDOURIOTIS, ANDREW S
1500 DUKE UNIV. RD. APT. L-3-C 87 00 85
DURHAM 27701
DUKE 919 489-1701

COVEY, JONATHAN BALDRIDGE S
P-2 OLD WELL APTS. 88 00
501 JONES FERRY RD.
CARRBORO 27510
U OF NC 919 942-5477

COVINGTON, DONALD SCOTT S
136-A PUREFOY RD. 89 00 85
CHAPEL HILL 27514
U OF NC

CRAIGE, ERNEST CD /IM AC
UNC SCHOOL OF MEDICINE 229-H 43 52 52
338 BURNETT-WOMACK
CHAPEL HILL 27514
HARVARD 919 966-4256

CRAIN, BARBARA JEAN PTH AC
106 FOXRIDGE COURT 79 79 85
CHAPEL HILL 27514
DUKE 919 286-0411

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DURHAM 27705
CORNELL U 919 286-4889

CRANE, GEORGE WILLIAM, JR. D AC
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DURHAM 27705
NORTHWESTERN U 919 286-7903

CRANE, LARRY MARTIN DR AC
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CROMARTIE, WILLIAM JAMES ID L
804 FLOB 23L-H/DEPT.MIC.& IMMU 37 37 43
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514
EMORY U 919 966-5925

CROOM, ROBERT DEVANE, III GS AC
NCMH, DEPT. OF SURGERY 64 64 74
CHAPEL HILL 27514
U OF NC 919 966-4416

CROSS, ALAN WHITTEMORE PD /GPM AC
CLINICAL SCIENCES BLDG. 70 75 80
UNC, DEPT. OF PEDIATRICS
CHAPEL HILL 27514
COLUMBIA U 919 962-1136

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202 TALLYHO TRAIL 85 85 84
CHAPEL HILL 27514
U OF NC 919 966-4131

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DURHAM 27710
DUKE 919 688-1575

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DURHAM 27704
DUKE 919 471-6832

CUNANAN, ANNE REGINA S
140 RIDGE TR. 88 00 85
CHAPEL HILL 27514
U OF NC 919 467-0307

CURNES, JOHN TAYLOR R AC
UNC DEPT. OF RADIOLOGY 78 78 86
CHAPEL HILL 27514
TULANE U 919 966-3084

CURRIE, JOHN LAUCHLIN GYN /ON AC
UNC DEPT. OF OB-GYN 67 67 74
CHAPEL HILL 27514
U OF NC 919 966-1195

CURTIS, THOMAS EDWIN P AC
NCMH, DEPT. OF PSYCHIATRY 51 53 54
CHAPEL HILL 27514
DUKE 919 966-4447

CUTTINO, JOHN TINDAL, JR. R AC
UNC, DEPT. OF RADIOLOGY 71 71 79
CHAPEL HILL 27514
U OF NC 919 966-3084

D'ERCOLE, AUGUSTINE J. PDE /NPM AC
BURNETT-WOMACK 229-H 69 69 79
UNC, DEPT. OF PEDIATRICS
CHAPEL HILL 27514
GEORGETOWN U 919 966-4435

DAHNERS, LAURENCE E. ORS AC
UNC, ORTHOPAEDIC SURGERY 78 79 84
237 BURNETT-WOMACK BLDG.229H
CHAPEL HILL 27514
U. OF ARIZONA 919 966-2039

DALLDORF, FREDERIC GILBERT PTH AC
11 WOODHAVEN ROAD 58 65 66
CHAPEL HILL 27514
CORNELL U 919 966-4541

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DURHAM 27704
CORNELL U 919 477-6742

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HOWARD U 919 682-7378

DANIS, MARION IM AC
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5025-A OLD CLINIC BLDG.
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U OF CHICAGO 919 966-2276

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CORNELL U 919 286-0411

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DURHAM-ORANGE COMPONENT SOCIETY (Continued)

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U OF URUGUAY 919 968-4551

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DURHAM 27710
U OF SOU ALA 919 684-5631

DEES, JOHN ESSARY U L/RT
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U OF VIRGINIA 919 684-6928

DEES, SUSAN COONS PDA /PD L
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DURHAM 27710
JOHNS HOPKINS 919 684-2933

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VANDERBILT U 919 962-1136

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U OF ROCHESTER 919 684-6721

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U OF NC 919 966-2281

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U OF COLORADO 919 966-5281

DROSSMAN, DOUGLAS ARNOLD GE /PYM AC
UNC, 324 CLINICAL SCIENCE 70 71 79
CHAPEL HILL 27514
ALBERT EINSTEIN 919 966-2511

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1707 WARD STREET 80 80 83
DURHAM 27707
U OF VIRGINIA 919 684-2660

DUNN, LAWRENCE ANTHONY P R
1702 VISTA APT. B 84 84 85
DURHAM 27701
U OF MICHIGAN 919 688-2651

DUNPHY, DONAL LEO PD AC
UNC, DEPT. OF PEDIATRICS 44 45 74
CHAPEL HILL 27514
YALE 919 966-2504

DUTROW, KRISTIN LEAH S
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CHAPEL HILL 27514
U OF NC 919 489-1824

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DURHAM 27710
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DUKE 919 493-7104

EARNHARDT, RICHARD CRAIG S
2836 CHAPEL HILL RD. APT. 30-B 89 00 85
DURHAM 27707
DUKE 919 493-7968

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UNC, DEPT. OF MEDICINE 70 71 79
CHAPEL HILL 27514
U OF NC 919 966-3338

EASLEY, ELEANOR BEAMER GYN /OBS L/RT
141 CAROL WOODS 34 40 40
CHAPEL HILL 27514
DUKE 919 968-8229

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DURHAM 27712
U OF OKLAHOMA 919 477-3008

EASON, PAUL RICHARD S
1201-A HOLLOWAY LANE 88 00 84
CHAPEL HILL 27514
U OF NC 919 933-5006

EASTERLING, WILLIAM E., JR. GYN /END AC
UNC SCHOOL OF MEDICINE 56 56 64
CHAPEL HILL 27514
U OF NC 919 966-5214

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DUKE 919 684-5939

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3742 SWARTHMORE RD. 85 86 82
DURHAM 27707
DUKE 919 471-2044

EDELBERG, JAY MARSHALL S
BOX 2730, DUMC 89 00 85
DURHAM 27710
DUKE 919 286-7394

EDKINS, PATRICIA TEAGUE TR AC
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CHAPEL HILL 27514
U OF NC 919 966-1101

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MONTGOMERY, AL 36111
CAMBRIDGE U 205 281-0742

EHLE, ALBERT LAWRENCE N AC
UNC, 751 BURNETT-WOMACK 67 72 83
CHAPEL HILL 27514
U OF WASHINGTON 919 966-3707

EIFRIG, DAVID ERIC OPH AC
UNC, DEPT. OF OPHTHALMOLOGY 60 60 80
CHAPEL HILL 27514
JOHNS HOPKINS 919 966-5296

ELKORDY, MAHA ABDUL-HAFEZ S
12E SHARON HEIGHTS 88 00 84
CHAPEL HILL 27514
U OF NC 919 942-7699

ELLINGTON, KENNETH RAYNOR S
229-B JACKSON CIRCLE 86 00 85
CHAPEL HILL 27514
U OF NC 919 933-6715

ENRIGHT, KATHERINE ANNE R
153 LAKE ELLEN DR. 85 85 84
CHAPEL HILL 27514
DUKE 919 967-5955

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DURHAM 27704
EMORY U 919 471-2571

EVANS, DWIGHT LANDIS P AC
UNC, DEPT. OF PSYCHIATRY 76 77 81
CHAPEL HILL 27514
TEMPLE U 919 966-4447

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DUKE 919 688-5730

EVANS, SARA FRANCES T. S
ROUTE #7, BOX 9-B 87 00 84
CHAPEL HILL 27514
U OF NC 919 933-6760

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751 BURNETT-WOMACK 229-H
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U OF NC 919 966-1194

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DIV. OF PULMONARY DISEASES 69 69 77
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U OF MIAMI 919 966-2532

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BOX 2743, DUMC 89 00 86
DURHAM 27710
DUKE 919 471-0258

HENDRIX, JAMES PAISLEY IM L/RT
925 NEW GARDEN RD. ROOM 803 30 30 39
GREENSBORO 27410
U OF PENN 919 489-3281

HENG, MICHELLE MARIANNA S
1315 MORREENE RD., #26-F 89 00 85
DURHAM 27705
DUKE 919 383-3037

HENLEY, NANCY S. IM AC
3500 WESTGATE DR., STE. 705 82 83 84
DURHAM 27707
U OF NC 919 493-8600

HENRY, MARIANNA MATTHEWS PD /PUD AC
UNC, 635 BURNETT-WOMACK 77 77 85
CHAPEL HILL 27514
U OF NC 919 966-1001

HERBERT, WILLIAM N. P. OBG /NPM AC
UNC, OB-GYN DEPARTMENT 72 74 79
CHAPEL HILL 27514
BOWMAN GRAY 919 966-1601

HERBST, CHARLES ARTHUR, JR GS /CRS AC
UNC,136 BURNETT-WOMACK 229-H 67 67 74
CHAPEL HILL 27514
U OF MISSISSIPPI 919 966-5231

HERION, JOHN CARROLL HEM /IM AC
N. C. MEMORIAL HOSPITAL 53 53 57
CHAPEL HILL 27514
HARVARD 919 966-4555

HERLONG, JAMES RENE S
1907 ERWIN RD., APT. G 89 00 85
DURHAM 27705
DUKE

HERNDON, WILLIAM MAUNEY, JR. CD /IM R
66 FERNWOOD LANE 81 82 83
CHAPEL HILL 27514
U OF NC 919 966-4131

HERRINGTON, ROBERT THOMAS PD /PDC AC
N. C. MEMORIAL HOSPITAL 57 59 68
CHAPEL HILL 27514
U OF WASHINGTON 919 966-4601

HERSHATTER, BRUCE WARREN TR R
BOX 3085, DUMC 82 82 85
DURHAM 27710
TULANE U 919 684-3742

HERZENBERG, JOHN ERIC ORS /PD R
2765 LOWELL RD. 79 00 84
ANN ARBOR, MI 48103
BOSTON U

HERZOG, WILLIAM RAYMOND, JR. IM R
4320 AMERICAN DR., APT. A 82 85 85
DURHAM 27705
DUKE 919 383-8847

HEYMAN, ALBERT N/IM AC
BOX 3203, DUMC 40 54 55
DURHAM 27710
U OF MARYLAND 919 684-2682

HIDALGO, HECTOR JESUS DR AC
2609 N. DUKE ST. 76 77 85
DURHAM 27704
GEO WASHINGTON U 919 471-8411

HILLERY, CHERYL ANN R
1418 VALLEY RUN 84 00 84
DURHAM 27707
DUKE 919 489-1601

HOBART, SETH GUILFORD, JR. HNS /MFS AC
1830 HILLANDALE ROAD 50 55 55
DURHAM 27705
U OF VIRGINIA 919 383-5531

HOEHNER, JEFF CARL S
1914 WALLACE STREET 88 00 84
DURHAM 27707
DUKE 919 489-5909

HOFFMAN, JEFFREY DALE S
ROUTE #1, BOX 90-A 89 00 85
EFLAND 27243
U OF NC 919 933-7217

HOFFMAN, KRISTINA MARIE S
BOX 2867, DUMC 88 00 86
DURHAM 27710
DUKE 919 383-9290

HOFFMAN, RUTH STERLING IM AC
UNC STUDENT HEALTH SERVICE 58 58 77
CHAPEL HILL 27514
TULANE U 919 966-2281

HOFFMAN, THEODORE F., JR AN AC
ROUTE #4, BOX 286 78 81 83
HILLSBOROUGH 27278
U OF NC 919 470-6180

HOLLAND, GEORGE THOMAS S
1511 ROBINHOOD ROAD 89 00 85
DURHAM 27701
U OF NC 919 682-8733

HOLLISTER, WILLIAM GRAY P/GPM AC
2008 N. LAKESHORE DRIVE 41 65 67
CHAPEL HILL 27514
U OF NEBRASKA 919 966-5277

HOLSCHNEIDER, DANIEL PHILIPP S
875 AIRPORT RD. #16 88 00 85
CHAPEL HILL 27514
U OF NC 919 942-9488

HOOLE, AXALLA JOHN IM AC
UNC, BOX #2, BLDG. 226-H 64 64 73
CHAPEL HILL 27514
MED U OF SC 919 966-2276

HOOTEN, JAMES PHILMON, JR. S
875 AIRPORT RD.,SALEM CT. #18 87 00 85
CHAPEL HILL 27514
U OF NC 919 967-3439

HOWARD, JAMES FRANCIS, JR. N AC
UNC,751 CLINICAL SCI. 229-H 74 74 80
CHAPEL HILL 27514
U OF VERMONT 919 966-5522

HOYLE, ROBERT MARK S
ROUTE #4, BOX 69A 88 00 84
RUTHERFORDTON 28139
U OF NC 704 286-3335

HUDSON, EDWARD VALENTINE OTO AC
1830 HILLANDALE ROAD 62 62 73
DURHAM 27705
BOWMAN GRAY 919 383-5531

HUDSON, RICHARD PAGE, JR. FOP /PTH AC
CHIEF MED. EXAMINERS OFF. 56 68 68
CHAPEL HILL 27514
MED COLL OF VA 919 966-2253

HUDSON, WILLIAM RUCKER OTO AC
DUKE UNIV. MED. CTR. 51 51 53
DURHAM 27710
BOWMAN GRAY 919 684-3834

HUDSPETH, DUDLEY ALLEN S
TAR HEEL MANOR APTS. #L-6 87 00 84
CARRBORO 27510
U OF NC 919 942-2083

HUFFINES, WILLIAM DAVIS PTH /GP AC
UNC, 314 BERRYHILL HALL 219-H 55 55 60
CHAPEL HILL 27514
U OF NC 919 966-1134

HUGHES, JACK U AC
923 BROAD STREET 43 43 50
DURHAM 27705
U OF PENN 919 286-1297

HULKA, JAROSLAV FABIAN OBG /OBS AC
UNC, DEPT. OF OB-GYN 56 67 67
CHAPEL HILL 27514
COLUMBIA U 919 966-5287

HURWITZ, BARRIE J. N/IM AC
BOX 3184, DUMC 68 69 84
DURHAM 27710
U-WITWATERSRAND 919 684-4126

HYER, RANDALL NELMS S
9A RIVER BIRCH RD. 89 00 85
DURHAM 27705
DUKE 919 383-8602

IBRAHIM, GEORGE KAISSAR S
11 WILLOWBRIDGE DR. #80 88 00 85
DURHAM 27707
DUKE 919 493-3695

IGLEHART, JAMES DIRK GS /TS AC
BOX 3873, DUMC 75 78 86
DURHAM 27710
HARVARD 919 684-6133

IRIGARAY, PETER JOSEPH P AC
JOHN UMSTEAD HOSPITAL 55 57 64
BUTNER 27509
NAT U OF MEXICO 919 575-7092

ISAACS, KIM LUISE IM R
103 POLK'S TRAIL 84 85 84
CHAPEL HILL 27514
U OF NY-ST BROOK 919 968-1597

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

IVES, DONALD LELAND S
303-B MASON FARM RD. 89 00 85
CHAPEL HILL 27514
U OF NC 919 929-4303

IZLAR, HENRY LEROY, JR. IM /CD AC
306 S. GREGSON STREET 48 53 55
DURHAM 27701
DUKE 919 682-5562

JACKSON, ROSEMARY S
2405 UNIVERSITY DR. 89 00 85
DURHAM 27707
U OF NC 919 493-6273

JARRELL, JOHN ARTHUR, JR. AN AC
BOX 3802, DUKE EYE CENTER 49 50 73
DURHAM 27710
JOHNS HOPKINS 919 684-2368

JASMINE, MARK SCOTT ORS R
88 OAK LEAF LANE 82 84 86
CHAPEL HILL 27514
HARVARD 919 942-2128

JECK, LIDA MORAWETZ P AC
800 EASTOWNE DR., STE. 204 77 81 82
CHAPEL HILL 27514
DUKE 919 493-5329

JENNETTE, JOHN CHARLES PTH /IG AC
UNC, DEPT. OF PATHOLOGY 73 77 79
CHAPEL HILL 27514
U OF NC 919 966-2421

JENNINGS, ROBERT BURGESS PTH /CLP AC
BOX 3712, DUMC 50 50 76
DURHAM 27710
NORTHWESTERN U 919 684-3528

JOHNSON, GEORGE, JR. VS /GS AC
UNC, DEPT. OF SURGERY 229-H 52 52 59
CHAPEL HILL 27514
CORNELL U 919 966-3391

JOHNSON, MICHAEL DONALD S
RT. #5, BOX 358-GA 88 00 86
CHAPEL HILL 27514
U OF NC 919 929-9775

JOHNSON, NATHANIEL, III S
UNC, 546 CRAIGE HALL 88 00 85
CHAPEL HILL 27514
U OF NC 919 933-3491

JOHNSTON, JAMES GILLIAM S
234 MCCAULEY ST. 88 00 86
CHAPEL HILL 27514
U OF NC 919 929-3816

JOHNSTON, WILLIAM WEBB PTH AC
BOX 3712, DUMC 59 59 71
DURHAM 27710
DUKE 919 684-3587

JOKERST, ELIZABETH SUMNER S
2112 BROAD STREET, D-8 86 00 85
DURHAM 27705
DUKE 919 477-6704

JONES, CONSTANCE CARPENTER S
39-H LAUREL RIDGE APTS. 87 00 86
CHAPEL HILL 27514
U OF NC 919 968-0023

JONES, JAMES DAVID CHP AC
BOX 3115, DUMC 54 55 63
DURHAM 27710
DUKE 919 684-2372

JONES, JOSEPH KEMPTON FP AC
1001 S. HAMILTON ROAD 46 50 50
CHAPEL HILL 27514
DUKE 919 968-4551

JONES, MORRIS ALEXANDER, JR. R AC
3643 N. ROXBORO ST. 59 59 65
DURHAM 27704
U OF NC 919 471-3411

JONES, THOMAS THWEATT GP L/RT
1202 ARNETT 32 34 35
DURHAM 27707
JOHNS HOPKINS 919 489-2115

JOYNER, RAYMOND EDWARD U AC
923 BROAD STREET 68 68 76
DURHAM 27705
BOWMAN GRAY 919 286-1297

JOYNER, WILLIAM STAFFORD FP AC
1001 S. HAMILTON ROAD 52 52 54
CHAPEL HILL 27514
HARVARD 919 968-4551

JUST, PETER WITHAM AN R
ROUTE #3, BOX 157 84 00 85
CHAPEL HILL 27514
U OF CONNECTICUT 919 929-9630

KALAYJIAN, ROBERT WAYNE AN AC
DUMC,DEPT. OF ANES.,BOX AA3061 71 73 85
DURHAM 27710
U OF CALIFORNIA 919 684-5265

KALLIANOS, JOHN ANDREW S
4800 UNIVERSITY DR. 23M 86 00 83
DURHAM 27707
DUKE 919 493-4308

KAREGEANNES, JAMES C. S
BOX 2758, DUMC 89 00 85
DURHAM 27710
DUKE

KARIS, JOANNES HUBERTUS AN AC
BOX 3071, DUMC 52 56 60
DURHAM 27710
U OF UTRECHT 919 681-6944

KATZ, SAMUEL LAWRENCE PD /ID AC
BOX 2925, DUMC 52 52 69
DURHAM 27710
HARVARD 919 684-3734

KAUFMAN, DAVID GORDON PTH AC
UNC, DEPT. OF PATHOLOGY 68 75 76
CHAPEL HILL 27514
WASHINGTON U 919 966-1396

KAUFMAN, JEFFREY S
BOX 2878, DUMC 88 00 84
DURHAM 27710
DUKE 919 684-6527

KEAGY, BLAIR ALLEN TS /CDS AC
UNC,108 BURNETT-WOMACK 229-H 70 70 83
CHAPEL HILL 27514
U OF PITTSBURGH 919 966-3381

KEITHAHN, STEPHEN TIMOTHY S
BOX 2760, DUMC 89 00 86
DURHAM 27710
DUKE 919 684-5988

KELISCHEK, SABINE S
118-A CHEEK ST. 88 00 85
CARRBORO 27510
U OF NC 919 967-6253

KELLY, JAMES REGINALD IM AC
306 S. GREGSON STREET 70 76 76
DURHAM 27701
DUKE 919 682-5561

KEMPNER, WALTER IM L/RT
BOX 3099, DUMC 26 43 43
DURHAM 27710
U OF HEIDELBERG 919 684-2675

KENAN, PATRICK DAN OTO AC
DUKE, DIV. OF OTOL. 59 59 65
DURHAM 27710
DUKE 919 684-5238

KENNEDY, REBECCA SMITH S
315-A BLUERIDGE ROAD 86 00 84
CARRBORO 27510
U OF NC 919 929-9861

KERBY, GRACE PARDRIDGE RHU L/RT
BOX 8714, FOREST HILLS STA. 46 46 50
DURHAM 27707
DUKE

KERNODLE, GEORGE W., JR. RHU /IM R
316 N. GRAHAM-HOPEDALE RD. 81 81 79
BURLINGTON 27215
U OF NC 919 227-3621

KERNS, THOMAS CLEVELAND, JR. OPH AC
1110 W. MAIN STREET 50 55 57
DURHAM 27701
DUKE 919 682-9341

KIFFNEY, GUSTIN THOMAS, JR. OPH AC
1106 HILLANDALE ROAD 55 60 61
DURHAM 27705
ALBANY MED COLL 919 286-9663

KIHLSTROM, BRUCE LEE NS /GS AC
1830 HILLANDALE ROAD 72 73 75
DURHAM 27705
U OF NC 919 383-5531

KILEFF, MOYRA ELEANOR AN AC
403 CLAYTON ROAD 73 74 83
CHAPEL HILL 27514
HUGGINS MED SCH 919 968-0611

KING, LOWELL RESTELL U/PD AC
BOX 3831, DUMC 56 56 82
DURHAM 27710
JOHNS HOPKINS 919 684-6994

KING, ROBERT THOMAS, III S
BOX 2879, DUMC 88 00 84
DURHAM 27710
DUKE 919 493-0267

KINNEY, ROBERT BRUCE PTH R
BOX 3712, DUMC 81 85 79
DURHAM 27710
DUKE 919 684-3300

KIRKMAN, HENRY NEIL, JR. PD AC
UNC, DEPT. OF PEDIATRICS 52 65 67
CHAPEL HILL 27514
JOHNS HOPKINS 919 966-4202

KNECHTLE, STUART JOHNSTON GS R
P. O. BOX 31156 82 82 84
DURHAM 27710
CORNELL U 919 684-8111

KOEHLER, LISA ANN S
201 CONNER DR., APT. #2 89 00 86
CHAPEL HILL 27514
U OF NC 919 967-1393

KOON, CRAWFORD BRYAN DR AC
2609 N. DUKE ST. 70 70 79
DURHAM 27704
U OF NC 919 471-8411

KOOPERSMITH, TINA BETH S
BOX 2764, DUMC 89 00 86
DURHAM 27710
DUKE

KRAYBILL, ERNEST NISSLEY PD /NPM AC
UNC, DEPT. OF PEDIATRICS 62 62 73
CHAPEL HILL 27514
U OF PENN 919 966-5063

KRYSTAL, ANDREW DARRELL S
811 VICKERS AVE. 87 00 85
DURHAM 27701
DUKE 919 688-0577

KU, ANDREW DR R
311 S. LASALLE ST. APT. 36-F 84 00 85
DURHAM 27705
COLUMBIA U

KUHN, CATHERLINE MARY S
308 HEMLOCK DR. 87 00 84
CHAPEL HILL 27514
U OF NC 919 929-1356

KUNO, RITSU IM /ID S
CHALET I, GREENE ST. 88 00 85
CHAPEL HILL 27514
U OF NC 919 942-4992

KYLSTRA, JOHANNES ARNOLD PUD /A AC
BOX 2958, DUMC 52 66 79
DURHAM 27710
U OF LEIDEN 919 684-3069

LAMBETH, WILLIAM RICK OBG AC
2609 N. DUKE STREET, STE. 204 74 74 79
DURHAM 27704
BOWMAN GRAY 919 471-8402

LANE, JOHN WESTON OBG AC
2808 GRETMAR DR. 72 76 80
DURHAM 27705
DUKE 919 942-8571

LANG, STEPHEN NORMAN ORS AC
2609 N. DUKE ST., STE. 301 65 65 72
DURHAM 27704
U OF ILLINOIS 919 471-8431

LANGDELL, ROBERT DANA PTH /BLB AC
UNC SCHOOL OF MEDICINE,228-H 48 51 53
CHAPEL HILL 27514
GEO WASHINGTON U 919 966-4333

LANIER, VERNE CLIFTON, JR. PS /GS AC
300 CRUTCHFIELD ST. 66 66 78
DURHAM 27704
VANDERBILT U 919 471-3406

LASSITER, RICHARD EDWARD OBG AC
CONNER DRIVE PRO. BLDG 65 65 71
CHAPEL HILL 27514
U OF NC 919 942-8571

LASSITER, WILLIAM EDMUND NEP /IM AC
UNC SCHOOL OF MEDICINE 54 54 60
CHAPEL HILL 27514
HARVARD 919 966-4275

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

LAWRENCE, THOMAS EARL S
K-8 TAR HEEL MANOR APTS 87 00 84
CARRBORO 27510
U OF NC 919 967-3398

LAWSON, EDWARD EARLE NPM AC
509 BURNETTE-WOMACK BLDG. 72 75 83
UNC, DEPT. OF PED. 229-H
CHAPEL HILL 27514
NORTHWESTERN U 919 966-5570

LE CROY, CHARLES MICHAEL, JR. S
134 LANDSBURY DR. 89 00 85
DURHAM 27707
DUKE 919 493-9264

LEE, MICHAEL EDWARD S
UNC, 660 CRAIGE RESIDENCE HALL 88 00 85
CHAPEL HILL 27514
U OF NC 919 933-7156

LEE, SARA HEATH COLLINS S
100 ROLLINGWOOD ROAD 88 00 86
CHAPEL HILL 27514
U OF NC 919 929-5242

LEIDY, LUANN P R
500 DUPONT ROAD, APT. 41 82 82 81
DURHAM 27705
DUKE 919 383-1149

LEIGHT, GEORGE STAPLES, JR. GS AC
2 SURREY LANE 72 79 81
DURHAM 27707
DUKE 919 684-6849

LERNER, MARK HARRIS S
14 MELSTONE TURN 87 00 84
DURHAM 27707
DUKE 919 489-2970

LESESNE, HENRY ROBY GE /IM AC
N. C. MEMORIAL HOSPITAL 67 67 74
CHAPEL HILL 27514
VANDERBILT U 919 966-2511

LESLIE, JOHN BRUCE AN AC
BOX 3094, DUMC 76 78 86
DURHAM 27710
DUKE 919 684-6931

LESSEY, BRUCE ARTHUR OBG R
1303 LAKEWOOD AVE. 84 00 84
DURHAM 27707
U OF COLORADO 919 489-8831

LEUNG, CYRIL YIU-CHUN S
BOX 2745, DUMC 87 00 84
DURHAM 27710
DUKE 919 383-6245

LEVIN, KENNETH JAY AN AC
NCMH, DEPT. OF ANES. 61 61 74
CHAPEL HILL 27514
U OF VERMONT 919 966-2273

LEVIN, STUART JEFFREY S
0-9 OLD WELL APTS. 88 00 84
CARRBORO 27510
U OF NC 919 968-1623

LEVINE, JONATHAN KEITH S
B-2 THE VILLAGES APTS. 86 00 85
CARRBORO 27510
U OF NC 919 929-4399

LEVINSON, SIDNEY LEONARD GE /IM AC
891 W. WILLOW DRIVE 74 75 81
CHAPEL HILL 27514
CORNELL U 919 942-5123

LEVITT, STEPHEN ROBERT P AC
500 EASTOWNE DRIVE 76 77 80
CHAPEL HILL 27514
CASE WESTERN RES 919 942-8761

LEVY, STANLEY BENJAMIN D AC
891 WILLOW DRIVE 71 72 81
CHAPEL HILL 27514
GEORGETOWN U 919 942-3106

LEWIS, WILLIAM RALPH,III GS R
1275 WELLER WAY 85 00 85
SACRAMENTO, CA 95818
DUKE 213 539-5089

LI, GEORGE IM R
15-L RIVER BIRCH RD. 84 00 84
DURHAM 27705
BAYLOR 919 383-9848

LICHTENSTEIN, GARY ROTH R
3204-F MYRA ST. 84 84 85
DURHAM 27707
MT SINAI MED COL 919 383-9775

LINCOLN, CLINTON ROBERT ORS AC
1828 HILLANDALE ROAD 60 63 68
DURHAM 27705
MED COLL OF VA 919 286-1249

LINDSAY, ROBERT BOYD IM L/RT
904 KINGS MILL ROAD 40 40 47
CHAPEL HILL 27514
JEFFERSON 919 942-6136

LINFORS, EUGENE WILLIAM IM AC
306 S. GREGSON ST. 71 71 84
DURHAM 27701
DUKE 919 682-5561

LINTHICUM, ELIZABETH ADAMS S
107 NORTHAMPTON PLAZA APTS. 88 00 84
EPHESUS CHURCH ROAD
CHAPEL HILL 27514
U OF NC 919 933-8767

LIPTON, BARBARA STEINER P AC
2004 N. LAKESHORE DRIVE 43 59 60
CHAPEL HILL 27514
U OF ILLINOIS 919 942-2453

LIPTON, MORRIS ABRAHAM P/IM L
UNC, BSRC BLDG. 220-H 48 59 60
CHAPEL HILL 27514
U OF CHICAGO 919 966-1456

LIPTZIN, MYRON BENNETT P AC
UNC STUDENT HEALTH SERVICE 59 65 65
CHAPEL HILL 27514
U OF ROCHESTER 919 966-2281

LIST, NOEL DAVID GER /GPM AC
BOX 3003, DUMC 65 67 85
DURHAM 27710
ST U OF NEW YORK 919 684-2248

LITCHFIELD, JAY ROBERT S
804 SHADY LAWN ROAD 89 00 86
CHAPEL HILL 27514
U OF NC

LLEWELLYN, CHARLES E., JR. P AC
BOX 3173, DUMC 46 55 56
DURHAM 27710
MED COLL OF VA 919 684-3332

LLOYD, KERMIT ALVIN S
RT. #5, BOX 305 89 00 86
CHAPEL HILL 27514
U OF NC 919 929-1911

LODA, FRANK ALOYSIUS, JR. PD /ID AC
UNC, DEPT. OF PEDIATRICS 60 60 71
CHAPEL HILL 27514
VANDERBILT U 919 966-2504

LOEHR, WALTER JOSEPH GS AC
2609 N. DUKE ST., STE. 402 63 64 75
DURHAM 27704
CORNELL U 919 471-8439

LONDON, WILLIAM LORD PD /PHO AC
306 S. GREGSON STREET 55 55 61
DURHAM 27701
U OF NC 919 688-6349

LONG, JAMES RANDALL S
16 LEE EAST COURT 86 00 84
TAYLORS, SC 29687
U OF NC

LORES-SUAREZ, MANUEL EUGENIO TS /GS R
PO BOX 2881 74 83 84
CHAPEL HILL 27514
U OF SANTIAGO 919 966-3381

LOWE, JAMES EDWARD CDS /GS AC
BOX 3954, DUMC 73 74 84
DURHAM 27710
U OF CALIF-LA 919 684-3235

LOWERY, WYLIE DONALD S
BRIGHTON SQUARE, APT. #40 87 00 84
CARRBORO 27510
U OF NC 919 942-5643

LUMB, PHILIP DENNETT AN AC
508 FULTON ST. 74 75 79
DURHAM 27708
U OF LONDON 919 286-0411

LURIE, SCOTT NORD S
BOX 2746, DUMC 87 00 85
DURHAM 27710
DUKE 919 688-0527

LYLE, CARL BLACKBURN, JR. IM AC
145-A MACNIDER BLDG. 202-H 57 62 64
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514
COLUMBIA U 919 966-5945

LYON, ROBERT KEITH S
BOX 2819, DUMC 86 00 83
DURHAM 27710
DUKE 919 688-5133

MACDONALD, JOEL DOUGLAS S
308 CAROL ST. 89 00 85
CARRBORO 27510
U OF NC 919 967-6776

MACFARLAND, JOSEPH ALFRED GP AC
UNC STUDENT HEALTH SERVICE 67 68 72
CHAPEL HILL 27514
COLUMBIA U 919 966-2281

MACHEMER, CHRISTINE ANNA P AC
BOX 3125, DUMC 59 61 79
DURHAM 27710
U FREIBURG,GERM 919 684-5772

MACHEMER, ROBERT OPH AC
BOX 3802, DUMC 59 68 79
DURHAM 27710
U FREIBURG,GERM 919 684-5846

MAGRINAT, GUSTAV S
5104 AMBERHILL DRIVE 87 00 84
GREENSBORO 27405
U OF NC 919 288-5178

MAHALEY, MOSES STEPHEN, JR. NS AC
ROUTE #1, BOX 283 59 59 65
PITTSBORO 27312
DUKE 919 966-1374

MAINELLA, PAUL JOSEPH S
L-14 THE VILLAGES APTS. 87 00 84
CARRBORO 27510
U OF NC 919 967-9446

MALEK, NABIL S. AN AC
BOX 3094, DUMC 61 62 86
DURHAM 27710
U OF EIN SHAMS 919 684-3026

MALTBIE, ALLAN ARMSTRONG P/PYA AC
BOX 3837, DUMC 69 70 73
DURHAM 27710
EMORY U 919 684-5217

MANDEL, STANLEY ROBERT GS /TS AC
UNC, DEPT. OF SURGERY 229H 62 62 69
CHAPEL HILL 27514
U OF VIRGINIA 919 966-3391

MANLY, DAVID TUPPER S
6-B COURTNEY SQUARE APTS. 86 00 84
GREENVILLE 27834
U OF NC 919 933-9778

MANN, CHARLES HAYES OTO AC
1110 S. MAIN STREET 66 68 82
DURHAM 27701
WEST VA U 919 682-9341

MANN, JOHN DOUGLAS N/IM AC
751 CLINICAL SCI. BLDG. 229-H 69 72 76
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514
CORNELL U 919 966-2526

MANNING, ISAAC HALL, JR. IM L
906 BROAD STREET 35 38 39
DURHAM 27705
HARVARD 919 286-7635

MANNING, STUART HALL IM AC
906 BROAD STREET 76 77 79
DURHAM 27705
DUKE 919 286-7635

MANOR, JAMES PETER FP AC
602-S JONES FERRY ROAD 80 82 84
CARRBORO 27510
U OF MICHIGAN 919 929-1747

MARSDEN, MARGARET E. FERRITER S
200 WOODCROFT PKY., #40-B 89 00 85
DURHAM 27713
U OF NC 919 489-8433

MARSHALL, FRANCIES FP AC
1447 POINSETT DRIVE 46 53 74
CHAPEL HILL 27514
ST U OF NY-BUFF 919 929-2269

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

MARTIN, HAROLD LUTHER, JR. S
201 HOWELL ST. APT. 3-B 87 00 85
CHAPEL HILL 27514
U OF NC 919 929-1522

MARTIN, JAMES CICERO, JR. R
910 CONSTITUTION DR.,APT. 1009 82 82 85
DURHAM 27705
LA STATE U 919 383-3980

MARTINEZ, SALUTARIO R AC
DUMC, DEPT. OF RADIOLOGY 60 71 76
DURHAM 27710
U OF HABANA 919 684-2711

MATTERN, WILLIAM DOUGLAS NEP /IM AC
N. C. MEMORIAL HOSPITAL 65 65 74
CHAPEL HILL 27514
COLUMBIA U 919 966-1042

MAURO, MATTHEW ANTHONY DR AC
101 CATAWBA COURT 77 78 83
CHAPEL HILL 27514
CORNELL U 919 966-1461

MAURO, PATRICIA MARCHASE D AC
2609 N. DUKE ST. STE. 505 77 78 84
DURHAM 27704
CORNELL U 919 477-2121

MAVROS, SHARON S
411-I DOWNING ST. 89 00 85
DURHAM 27705
DUKE

MAY, DAVID ALAN S
100-D BERNARD ST. 88 00 84
CHAPEL HILL 27514
U OF NC 919 929-3078

MAYER, EUGENE STEPHEN GPM AC
UNC MED.SCH.,221H,WING C,BOX3 64 64 73
CHAPEL HILL 27514
COLUMBIA U 919 966-2461

MAYNOR, JAYNE PATRICE S
P. O. BOX 606 87 00 84
PEMBROKE 28372
U OF NC 919 521-4208

MCADAMS, HOLMAN PAGE S
2005 TREETOP LANE, APT. 22 86 00 84
SILVER SPRING, MD 20904
DUKE

MCALLISTER, JAMES GRAY, III P AC
157 1/2 E. FRANKLIN ST. 60 60 68
P. O. BOX 864
CHAPEL HILL 27514
U OF NC 919 968-4651

MCBRYDE, ANGUS MURDOCH, SR. PD L/RT
38 GLENMONE DRIVE 28 31 32
DURHAM 27707
U OF PENN 919 489-3282

MCCANN, RICHARD LUCAS GS /CDS AC
BOX 2990, DUMC 74 83 84
DURHAM 27710
CORNELL U 919 684-2620

MCCARTNEY, CHERYL FAINTUCH P AC
UNC, WING D, 208-H 71 72 80
CHAPEL HILL 27514
NORTHWESTERN U 919 966-4551

MCCARTNEY, WILLIAM HUGH DR /NM AC
NCMH, DEPT. OF RADIOLOGY 69 70 81
CHAPEL HILL 27514
NORTHWESTERN U 919 966-4384

MCCOLLUM, DONALD EUGENE ORS AC
BOX 2919, DUMC 53 53 62
DURHAM 27710
BOWMAN GRAY 919 684-4055

MCCRACKEN, JOSEPH STUART OPH AC
2609 N. DUKE ST. #203 75 77 82
DURHAM 27704
DUKE 919 471-8495

MCCRORY, MICHAEL ELLIOTT DR AC
2609 N. DUKE ST. STE. 303 73 74 79
DURHAM 27704
TUFTS U 919 471-8411

MCCUEN, BROOKS WALTON, II OPH AC
BOX 3802, DUMC 74 75 80
DURHAM 27710
COLUMBIA U 919 684-6749

MCCULLEN, BOBBY KENNETH, JR. S
208 W. UNIVERSITY DR. 88 00 84
CHAPEL HILL 27514
U OF NC 919 942-4623

MCCUTCHAN, JAMES HUTTON IM /ID AC
UNC STUDENT HEALTH 61 61 69
CHAPEL HILL 27514
JOHNS HOPKINS 919 966-2281

MCCUTCHEON, WILLIAM B., JR TS /CDS AC
1830 HILLANDALE ROAD 52 55 58
DURHAM 27705
MED COLL OF VA 919 383-5531

MCDAVID, JOSHUA DENT S
711-C HIBBARD DR. 88 00 85
CHAPEL HILL 27514
U OF NC 919 933-6482

MCDONALD, CARY CRANE S
105-A STEPHENS ST. 87 00 85
CHAPEL HILL 27514
U OF NC 919 929-3549

MCDONNELL, KENNETH PAUL S
1911 ERWIN RD., APT. B 89 00 85
DURHAM 27705
DUKE

MCGINNIS, HIRSCHEL S
BOX 2772, DUMC 89 00 86
DURHAM 27710
DUKE

MCGOUGH, JAMES JOHN S
5081 DUKE STATION 86 00 83
DURHAM 27706
DUKE 919 286-5414

MCGUIRE, MARSDEN HAMILTON S
1320-10 EPHESUS CHURCH RD. 88 00 84
CHAPEL HILL 27514
U OF NC 919 942-8453

MCGUIRT, WILLIAM FREDERICK,JR. S
CAROLINA APTS. A-6 89 00 85
CARRBORO 27510
U OF NC 919 929-5170

MCINTYRE, ROSS WILLIAM AN AC
BOX 3071, DUMC 70 73 80
DURHAM 27710
BRITISH COLUMBIA 919 681-4774

MCKEE, LEWIS MIDDLETON IM L/RT
17 SURREY LN., HOPE VALLEY 33 34 34
DURHAM 27707
TEMPLE U 919 489-3262

MCKNIGHT, MARTHA ANNE P/CHP R
USAF REGIONAL HOSPITAL 81 81 77
LAKENHEATH/SG
APO NEW YORK, NY 09179
DUKE

MCLEAR, RONALD KENT EM AC
3200 CROASDAILE DR. STE. 201 75 77 82
DURHAM 27705
OHIO STATE U 919 549-9335

MCLELLAND, ROBERT DR AC
3716 ST. MARKS ROAD 48 48 74
DURHAM 27707
U OF CINCINNATI 919 489-0407

MCLENDON, WILLIAM W. CLP /PTH AC
NCMH, DEPT. OF LABORATORIES 56 56 63
CHAPEL HILL 27514
U OF NC 919 966-2317

MCLEOD, MICHAEL EUGENE GE /IM AC
BOX 3073, DUMC 60 60 69
DURHAM 27710
DUKE 919 684-4046

MCMILLAN, CAMPBELL WHITE PHO /PD AC
UNC, DEPT. OF PED. 229-H 52 52 61
CHAPEL HILL 27514
BOWMAN GRAY 919 966-3133

MCNAMARA, JAMES O'CONNELL N AC
400 LAKE SHORE LANE 68 69 85
CHAPEL HILL 27514
U OF MICHIGAN 919 286-0411

MCPHERSON, HARRY THURMAN END /IM AC
DUKE UNIV. MED. CTR. 48 53 55
DURHAM 27710
DUKE 919 684-2186

MCPHERSON, SAMUEL DACE, JR. OPH AC
1110 W. MAIN STREET 43 48 48
DURHAM 27701
JOHNS HOPKINS 919 682-9341

MELTON, JAMES WILLARD, JR. S
302-F BOLINWOOD APTS. 87 00 86
CHAPEL HILL 27514
U OF NC 919 942-1729

MELVIN, TERESA ANN S
208 NATURE TRAIL 87 00 85
CHAPEL HILL 27514
U OF NC 919 942-7775

MENNILLO, ROGER NILES S
811 VICKERS AVE. 87 00 85
DURHAM 27701
DUKE 919 688-0527

MESROBIAN, HRAIR-GEORGE U AC
428 BURNETT-WOMACK 229-H 78 80 86
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514
AMERICA U BEIRUT 919 966-2572

MESSENHEIMER, JOHN ANDREW N/IM AC
UNC, DEPT. OF NEUROLOGY 70 77 79
CHAPEL HILL 27514
JOHNS HOPKINS 919 966-3707

MEYER, ANDREW FREDERIC AN AC
BOX 3083, DUKE MED. CENTER 69 70 83
DURHAM 27710
ST U OF NEW YORK 919 681-6526

MEYER, ANTHONY ANDREW GS AC
BURNETT-WOMACK, 229-H #164 77 78 86
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514
U OF CHICAGO 919 966-4321

MEYER, GEORGE WRIGHT OPH AC
1106 HILLANDALE ROAD 52 57 59
DURHAM 27705
DUKE 919 286-9663

MEYER, HAROLD PD AC
809 WOODLAND 46 47 85
CHAPEL HILL 27514
JEFFERSON 919 929-0461

MEYERS, WILLIAM CLARK GS /CRS AC
BOX 3041, DUMC 75 83 84
DURHAM 27710
COLUMBIA U 919 684-6437

MILLER, DAVID EDMOND CD /IM AC
CENTRAL MEDICAL PARK 56 56 64
2609 N. DUKE ST., STE. 403
DURHAM 27704
DUKE 919 471-8441

MILLER, MILTON LEONARD PYA /P L
UNC, 239 OLD NURSES DORM. 29 36 60
CHAPEL HILL 27514
HARVARD 919 966-3379

MINTZER, MELANIE FP AC
210 S. CAMERON ST. 80 81 85
HILLSBOROUGH 27278
MCGILL U 919 732-9311

MITCHELL, CALVIN HARRISON OPH AC
BOX 3802, DUKE UNIV. EYE CTR. 58 58 86
DURHAM 27710
DUKE 919 684-2841

MOHR, JACK ELMER OBG AC
706 WELLINGTON DRIVE 53 57 57
CHAPEL HILL 27514
TUFTS U 919 967-1441

MOLTER, DAVID W. S
2974 CAROLYN DRIVE 87 00 83
DURHAM27703
DUKE 919 596-4936

MONROE, JOHN THADDEUS, JR. PYA /P AC
1100-A FRANKLIN SQUARE 55 55 62
CHAPEL HILL 27514
U OF NC 919 967-5289

MONSON, DONALD MALVIN R AC
3751 BENTLEY DRIVE 55 62 62
DURHAM 27707
U OF WISCONSIN 919 471-8411

MONTANA, GUSTAVO SANTOS TR AC
DUMC, DIV. RADIATION ONC. 60 60 71
DURHAM 27710
NATL U COLOMBIA 919 684-6183

MOORE, DONALD TORIAN OBG AC
601 FAYETTEVILLE STREET 58 58 69
DURHAM 27701
MEHARRY MED COLL 919 682-9241

MOORE, LAWRENCE WHITE, JR. OPH AC
1110 W. MAIN STREET 63 63 71
DURHAM 27701
DUKE 919 682-9341

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

MOORE, MELISA DARA S
102-B ISLEY STREET 87 00 84
CHAPEL HILL 27514
U OF NC 919 929-7263

MOORE, WARREN HAMILTON NM /IM AC
6720 BERTNER AVE., BOX 3-261 77 77 75
HOUSTON, TX 77030
U OF NC 713 791-3126

MORRIS, JAMES JOSEPH, JR. CD /IM AC
BOX 2993, DUMC 59 66 86
DURHAM 27710
ST U OF NEW YORK 919 684-4329

MORRIS, JONATHAN EDWARD P R
103 ROCK SPRING COURT 82 82 82
CARRBORO 27510
U OF NC 919 967-6779

MORRIS, PETER JOSEPH PD /PH R
103 BENWALL CT. 78 78 76
CHAPEL HILL 27514
U OF NC 919 962-1136

MOYLAN, JOSEPH ANTHONY GS /TRS AC
BOX 3947, DUMC 64 65 77
DURHAM 27710
BOSTON U 919 684-2237

MUMFORD, LARRY NPM /PD AC
3115 ACADEMY ROAD 67 68 79
DURHAM 27707
U OF NC 919 489-1976

MUNDAY, TONA LEIGH S
D-6 GRAHAM CONDOS. 89 00 85
MC CAULEY ST.
CHAPEL HILL 27514
U OF NC 919 929-0577

MURPHY, ROBERT JENNINGS, JR. FP /PD L
210 S. CAMERON ST. 40 40 42
HILLSBOROUGH 27278
VANDERBILT U 919 732-9311

MURRAY, JOHN CARROLL DMP AC
BOX 2907, DUMC 77 82 83
DURHAM 27710
DUKE 919 684-3432

MURRAY, WILLIAM JAMES AN AC
BOX 3061, DUMC 62 62 64
DURHAM 27710
U OF NC 919 684-2569

NAHSER, PHILIP JOSEPH, JR. S
215 VANCE ST. 88 00 85
CHAPEL HILL 27514
U OF NC 919 929-1190

NANDA, SUMIT S
BOX 2872, DUMC 87 00 86
DURHAM 27710
DUKE 919 684-5142

NASTALA, CHET LAWRENCE S
BOX 2779, DUMC 89 00 85
DURHAM 27710
DUKE

NEAL, CHARLES BODINE, III PD AC
2919 COLONY ROAD 55 55 60
DURHAM 27705
DUKE 919 489-9158

NEBEL, WILLIAM ARTHUR OBG AC
CONNER DRIVE PROF. BLDG 62 62 69
CHAPEL HILL 27514
U OF NC 919 942-8571

NEELEY, BRUCE CARLTON P/PYM AC
1911 HILLANDALE RD. STE. 1040 75 77 85
DURHAM 27705
MED U OF SC 919 383-1516

NEELON, FRANCIS ALBERT IM /END AC
BOX 3021, DUMC 62 62 83
DURHAM 27710
HARVARD 919 684-4307

NEISH, DONALD DEWITT IM AC
2609 N. DUKE STREET 58 59 77
DURHAM 27704
TEMPLE U 919 471-8446

NELIUS, SIGRID J. VONRENNER IM /GPM AC
BOX 2899, WEST DURHAM STA. 49 61 64
DURHAM 27705
LUDWIG MAXIMILLI 919 684-6331

NEMEROFF, CHARLES BARNET P AC
BOX 3859, DUMC 81 81 78
DURHAM 27710
U OF NC 919 684-6562

NEWBORG, BARBARA IM AC
BOX 3385, DUMC 49 61 64
DURHAM 27710
JOHNS HOPKINS 919 684-3418

NEWSOME, JAMES FREDERICK GS /ON AC
UNC, BURNETT-WOMACK, 229-H 49 50 56
CHAPEL HILL 27514
VANDERBILT U 919 966-5221

NG, KHYE WENG N/IM AC
1830 HILLANDALE ROAD 56 68 72
DURHAM 27705
U OF SINGAPORE 919 383-5531

NICHOLS, KIM ERIKA S
1315 MORREENE RD. APT. 27-I 89 00 86
DURHAM 27705
DUKE 919 383-5160

NICHOLSON, JOHN CHRISTIE S
803 GREEN ST. 89 00 85
DURHAM 27701
DUKE 919 688-6350

NORINS, MICHAEL ELLIOTT S
122 WINDSOR PLACE 86 00 83
CHAPEL HILL 27514
U OF NC 919 933-0367

NUGENT, RICHARD RECHER GPM /OBG AC
DIV. OF HEALTH SERVICES 66 67 80
P. O. BOX 2091
RALEIGH 27602
U OF PENN 919 733-7791

NUNLEY, JAMES ALBERT, II ORS /HS AC
BOX 2919, DUMC 73 73 82
DURHAM 27710
TULANE U 919 684-4033

NYE, MARY JANE LOVE PD /ADL AC
1919 WILSHIRE DRIVE 61 61 64
DURHAM 27707
DUKE 919 489-9534

O'DONNELL, HELEN MARY FP AC
715 ARNETTE AVE. 80 81 84
DURHAM 27701
ALBERT EINSTEIN 919 575-4541

OAKES, WALTER JERRY NS AC
BOX 3272, DUMC 72 72 78
DURHAM 27710
DUKE 919 684-5013

OATES, LARRY ALLEN IM AC
2900 HIGHWOODS BLVD. 64 64 84
RALEIGH 27625
OHIO STATE U 919 878-9870

OBREMSKEY, WILLIAM TODD S
10 DURBIN PLACE 88 00 85
DURHAM 27705
DUKE 919 383-2435

ODERE, FRED GORDON PTH AC
DURHAM CO. HOSP.,-PTH 70 74 79
DURHAM 27704
GEO WASHINGTON U 919 471-3411

ODOM, GUY LEARY NS L/RT
2812 CHELSEA CIRCLE 33 33 44
DURHAM 27707
TULANE U 919 489-2206

OLDER, ROBERT ALAN DR AC
3104 DEVON RD. 68 68 77
DURHAM 27707
DUKE 919 383-6984

OLDHAM, H. NEWLAND, JR. CDS /GS AC
DUKE UNIV. MED. CTR. 61 61 72
DURHAM 27710
BAYLOR 919 684-3243

OLESON, JAMES ROBERT R/ON AC
BOX 3085, DUMC 76 76 85
DURHAM 27710
U. OF ARIZONA 919 684-3742

OLIVER, WILLIAM RUSSELL PTH R
114-B FIDELITY STREET 82 82 84
CARRBORO 27510
VANDERBILT U 919 929-7120

OLSEN, ELISE ARLINE D/IM AC
BOX 3294, DUMC 78 78 79
DURHAM 27710
BAYLOR 919 684-6844

ONTJES, DAVID AINSWORTH END /IM AC
UNC SCHOOL OF MEDICINE 64 64 70
CHAPEL HILL 27514
HARVARD 919 966-4468

ORGAIN, EDWARD STEWART CD /IM L/RT
3321 DEVON ROAD 30 30 36
DURHAM 27707
U OF VIRGINIA 919 489-2111

ORLANDO, ROY CHARLES GE /IM AC
324 CLINICAL SCIENCES BLDG. 68 68 77
UNC DEPT. OF MEDICINE 229-H
CHAPEL HILL 27514
GEORGETOWN U 919 966-2511

ORRINGER, EUGENE PAUL HEM /IM AC
UNC,DIV.OF HEM,DEPT. OF MED. 69 71 81
340 MACNIDER BLDG. 202-H
CHAPEL HILL 27514
U OF PITTSBURGH 919 966-2467

OSTERHOUT, SHIRLEY K. PD AC
BOX 3007, DUMC 57 57 84
DURHAM 27710
DUKE 919 684-2498

OVERCASH, WILLIAM TODD S
F11 WOODBRIDGE APTS. 88 00 84
CARRBORO 27510
U OF NC 919 933-6864

OWEN, CLARENCE HAYS S
1315 MORREENE RD. APT. 26-A 89 00 86
DURHAM 27705
DUKE 919 383-9016

OWENS, STUART CAMERON OTO /HNS R
3403 BONAPARTE WAY 81 82 84
DURHAM 27707
MED U OF SC 919 493-2076

OWL-SMITH, FRANCES S
301 ROLLINGWOOD ROAD 87 00 84
CHAPEL HILL 27514
U OF NC 919 933-5102

OZAKI, CHARLES KEITH S
BOX 2722, DUMC 88 00 84
DURHAM 27710
DUKE 919 684-1183

PADDISON, GEORGE MARION R AC
3920 REGENT ROAD 66 66 73
DURHAM 27707
U OF NC 919 489-0272

PADGETT, RICHARD CAMERON S
411 MCCAULEY ST. 88 00 84
CHAPEL HILL 27514
U OF NC 919 942-5518

PAGANO, JOSEPH STEPHEN IM /ID AC
UNC,LINEBERGER CANCER RES. 57 65 65
CHAPEL HILL 27514
YALE 919 966-3036

PALMER, JEFFRESS GARY IM /HEM AC
N. C. MEMORIAL HOSPITAL 44 52 52
CHAPEL HILL 27514
EMORY U 919 966-3311

PANZA, WILLIAM SEBASTIAN S
BOX 2724, DUMC 88 00 84
DURHAM 27710
DUKE 919 383-5374

PARKE, CHARLES EDWARD S
614 CASWELL RD. 88 00 85
CHAPEL HILL 27514
U OF NC 919 942-6631

PARKER, JOHN CURTIS HEM /IM AC
N. C. MEMORIAL HOSPITAL 61 67 68
CHAPEL HILL 27514
YALE 919 966-2468

PARKER, JOSEPH B., JR. P/PYM AC
BOX 3838, DUMC 41 41 71
DURHAM 27710
U OF TENNESSEE 919 684-2415

PARKER, ROY TURNAGE OBG AC
BOX 3097, DUMC 44 47 50
DURHAM 27710
MED COLL OF VA 919 684-2626

PARKERSON, GEORGE R., JR. FP AC
407 CRUTCHFIELD STREET 53 55 75
DURHAM 27704
DUKE 919 684-5314

PARLIER, REGGIE DAVID S
1344 NEW CASTLE RD. B-2 87 00 84
DURHAM 27704
DUKE 919 479-5559

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

PATTERSON, CARL NORRIS HNS /MFS AC
1110 W. MAIN STREET 44 48 48
DURHAM 27701
U OF MARYLAND 919 682-9341

PATTERSON, HUBERT CLIFTON GS L/RT
602 S. COLUMBIA STREET 37 47 47
CHAPEL HILL 27514
HARVARD 919 968-3051

PATTON, SUZANNE ELIZABETH S
2808 ERWIN RD., APT. 6A 89 00 85
DURHAM 27705
DUKE 919 383-0446

PAULSON, DAVID FREEMAN U AC
BOX 2977, DUMC 64 64 72
DURHAM 27710
DUKE 919 684-5057

PAYNE, LOEL ZACHARY S
219 MCCAULEY ST. 89 00 85
CHAPEL HILL 27514
U OF NC 919 929-4509

PAYNE, PAUL ANDREW S
BOX 2760, DUMC 87 00 85
DURHAM 27710
DUKE 919 688-0527

PAYNE, THOMAS ARTHUR S
104 CARL DR. 89 00 85
CHAPEL HILL 27514
U OF NC 919 929-4291

PEACOCK, ERLE EWART, JR. PS /GS AC
109 CONNER DR., STE. 2204 49 53 56
CHAPEL HILL 27514
HARVARD 919 933-0005

PEARCE, PHILIP HENDERSON OBG AC
1821 GREEN STREET 60 60 67
DURHAM 27705
DUKE 919 286-1258

PEARSE, RICHARD LEHMER OBG /HYP L/RT
154 MONTROSE DR. 31 38 38
DURHAM 27707
HARVARD 919 493-3995

PEETE, CHARLES HENRY, JR. OBG AC
BOX 3192, DUMC 47 47 58
DURHAM 27710
HARVARD 919 684-2346

PEETE, WILLIAM P.J. GS AC
BOX 3506, DUMC 47 49 56
DURHAM 27710
HARVARD 919 684-3727

PENNINGTON, ROBERT CLAY, JR. S
124 W. ROSEMARY STREET 86 00 83
CHAPEL HILL 27514
U OF NC 919 929-9326

PEREZ-REYES, MARIO P AC
107 HUNTER HILL PLACE 52 67 67
CHAPEL HILL 27514
NAT U OF MEXICO 919 933-9829

PERRY, DWIGHT DEAN OPH AC
512 SIMMONS ST. 80 81 85
DURHAM 27707
U OF NC 919 682-7175

PESCHEL, ERNST IM /NEP L/RT
2306 PERSHING ST. 31 54 55
DURHAM 27705
BERLIN U 919 383-2369

PESCHEL, RUTH LOHMANN IM L/RT
BOX 3099, DUMC 32 60 61
DURHAM 27710
BERLIN U 919 684-2675

PETERSON, HUGH DUANE PS AC
UNC, BURNETT-WOMACK BLDG. 62 65 83
CHAPEL HILL 27514
NORTHWESTERN U 919 966-3693

PETERSON, JEFFREY MCBRAYER S
2 SPRING GARDEN, 89 00 85
HOLLAND DR.
CHAPEL HILL 27514
U OF NC 919 933-0153

PFAFF, HERBERT CHARLES S
1204 N. GREGSON ST. 87 00 85
DURHAM 27701
U OF NC 919 682-8336

PHILLIPS, HARRY RISSLER, III CD /IM AC
BOX 3126, DUMC 75 78 72
DURHAM 27710
DUKE 919 681-5816

PHILLIPS, HERBERT ORLANDAH, IV R
311 PUREFOY ROAD 81 82 85
CHAPEL HILL 27514
U OF NC 919 929-6975

PHILLIPS, KATHRYN ELIZABETH S
200 BLUERIDGE RD. 88 00 86
CARRBORO 27510
U OF NC 919 967-1058

PICKARD, CARL GLENN, JR. IM AC
N. C. MEMORIAL HOSPITAL 62 62 69
CHAPEL HILL 27514
U OF NC 919 966-2276

PILLSBURY, HAROLD C., III OTO /HNS AC
UNC,610 BURNETT-WOMACK 229-H 72 72 75
CHAPEL HILL 27514
GEO WASHINGTON U 919 966-3341

PLESCIA, MARCUS S
102 KELLY CT. 89 00 85
CHAPEL HILL 27514
U OF NC 919 929-9858

PODGER, KENNETH ARTHER GYN RT
7701 BEACH DRIVE 40 48 49
MYRTLE BEACH, SC 29577
DUKE 803 449-3459

POOLE, MICHAEL DANIEL OTO R
409 WALNUT STREET 81 81 82
CHAPEL HILL 27514
U OF NC 919 966-4131

POPE, JANEY LYNN CHP /P AC
200 EASTOWNE DRIVE 72 79 83
CHAPEL HILL 27514
U OF LOUISVILLE 919 929-0456

POPE, THADDEUS HARRIS, JR. OTO AC
2609 N. DUKE ST. STE. 306 57 57 65
DURHAM 27704
U OF NC 919 471-4493

PORTER, DEAN PRIEST S
908 CLIFTONBROOK LANE 89 00 85
C/O CAROLYN P. MCGARVEY
SILVER SPRING, MD 20904
U OF NC

POSTLETHWAIT, RAYMOND W. GS L/RT
143 PINECREST RD. 37 47 56
DURHAM 27705
DUKE 919 286-0411

POSTMA, DUNCAN SYBREN OTO AC
UNC,610 BURNETT-WOMACK 229-H 77 79 80
CHAPEL HILL 27514
U OF NC 919 966-3341

POTTER, JOAN GARSKA FP AC
109 CONNER DR., STE. 2203 80 82 84
CHAPEL HILL 27514
WEST VA U 919 929-5700

POWELL, DON WATSON GE /IM AC
UNC,326 BURNETT-WOMACK 63 63 71
CHAPEL HILL 27514
U OF ALABAMA 919 966-2511

POWERS, STEPHEN KENT NS AC
UNC, 148 CLINICAL SCI. BLDG. 77 78 84
CHAPEL HILL 27514
OHIO STATE U 919 966-1374

PRACYK, JOHN BRADFORD S
610 DOUGLAS ST., APT. 312-B 89 00 85
DURHAM 27705
DUKE 919 286-7365

PRANGE, ARTHUR JERGEN, JR. P AC
NCMH, DEPT. OF PSYCHIATRY 50 58 58
CHAPEL HILL 27514
U OF MICHIGAN 919 966-1480

PRATHER, DONNA LYNN P AC
311 BLUERIDGE RD. 78 79 78
CARRBORO 27510
U OF NC 919 929-6519

PRENTICE, ROBERT DEREK FP AC
3500 WESTGATE DR., STE. 705 70 70 85
DURHAM 27707
U OF EDINBURGH 919 493-8600

PRESTON, EDWIN THORNTON ORS AC
110 S. ESTES DRIVE 60 60 70
CHAPEL HILL 27514
DUKE 919 942-3171

PRICE, ROBERT EDWIN, JR. NS AC
1830 HILLANDALE ROAD 64 64 72
DURHAM 27705
U OF NC 919 383-5531

PRIVETTE, MELINDA HILL S
23 MAXWELL ROAD 87 00 84
CHAPEL HILL 27514
U OF NC 919 967-7156

PROCTOR, HERBERT JENNINGS GS /TS AC
UNC, DEPT. OF SURGERY 62 62 69
CHAPEL HILL 27514
NEW YORK U 919 966-4389

PROIA, ALAN DAVID PTH AC
4118 DEEPWOOD CIRCLE 80 80 81
DURHAM 27707
CORNELL U 919 489-3161

PROSNITZ, LEONARD R. TR AC
BOX 3085, DUMC 61 65 84
DURHAM 27710
ST U OF NEW YORK 919 684-3805

PUTMAN, CHARLES EDGAR R/IM AC
BOX 3808, DUMC 67 67 78
DURHAM 27710
U OF TEXAS 919 684-3403

RAFT, ELIZABETH VANCE CHP /P AC
33 KIMBERLY DRIVE 60 60 71
DURHAM 27707
U OF NC 919 489-7011

RANEY, RICHARD BEVERLY, SR. ORS L/RT
N. C. MEMORIAL HOSPITAL 30 34 35
CHAPEL HILL 27514
HARVARD 919 966-2030

RANKIN, JAMES SCOTT TS AC
BOX 3851, DUMC 69 81 85
DURHAM 27710
U OF TENNESSEE 919 684-2718

RAVIN, CARL ERIC R AC
BOX 3808, DUMC 68 71 79
DURHAM 27710
CORNELL U 919 681-5268

RAY, VERONICA JOSEPHINE F. IM AC
1301 FAYETTEVILLE ST. 79 79 86
DURHAM 27707
U OF NC 919 683-1316

REASONER, JOHN PERCIVAL, JR. FP R
2606-F CAMELLIA ST. 80 84 85
DURHAM 27705
BROWN UNIV. 919 684-4378

RECKLESS, JOHN BRIAN P/PYM AC
1816 FRONT ST., STE. 310 54 60 62
DURHAM 27705
U BIRMINGHAM ENG 919 383-1502

REDD, JACQUELYN LORRAINE S
UNC, 650 CRAIGE HALL 88 00 85
CHAPEL HILL 27514
U OF NC 919 933-7262

REDDY, PARVATA CHINNA P. AN AC
DURHAM CO. GENERAL HOSP. 61 63 85
DURHAM 27704
KURNOOL MED COLL 919 471-3411

REDICK, LLOYD FRANKLIN AN AC
BOX 3094, DUMC 58 58 74
DURHAM 27710
OHIO STATE U 919 684-6736

REISER, HARVEY J. OPH R
1356 LUSITANA ST., 6TH FLOOR 85 00 84
HONOLULU, HI 96813
DUKE

RENUART, ADHEMAR WILLIAM, III N/PD AC
1830 HILLANDALE ROAD 56 58 78
DURHAM 27705
DUKE 919 383-5531

RHOADS, JOHN MCFARLANE P/PYA AC
BOX 3903, DUMC 43 56 57
DURHAM 27710
TEMPLE U 919 684-6224

RICE, A. DOUGLAS PD AC
2919 COLONY ROAD 51 54 55
DURHAM 27705
DUKE 919 489-9158

RICE, JOHN RUSSELL RHU AC
BOX 3383, DUMC 68 69 78
DURHAM 27710
U OF MIAMI 919 684-3313

RICE, REED PORTER DR AC
DUKE HOSPITAL 55 61 61
DURHAM 27710
INDIANA U 919 684-2711

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

RICHARDSON, WILLIAM PERRY GPM L/RT
300 GLANDON DRIVE 28 28 29
CHAPEL HILL27514
MED COLL OF VA 919 942-3560

RICHMOND, GLENN HICKAM, JR. S
CAMELOT VILLAGE, J-4 88 00 84
CHAPEL HILL 27514
U OF NC 919 929-4483

RIEFKOHL, RONALD PS /GS AC
DUMC, DIV. OF PS 72 72 81
DURHAM 27710
TULANE U 919 684-2854

ROBBINS, JACK GUYES D AC
823 BROAD STREET 48 49 54
DURHAM 27705
DUKE 919 286-4195

ROBERTS, BENNIE DWAYNE S
1119 HILLCREST DR. 87 00 85
CHAPEL HILL 27514
U OF NC 919 929-3098

ROBERTS, HAROLD ROSS HEM AC
UNC,CLINICAL SCI BLDG. 229-H 55 55 62
CHAPEL HILL 27514
U OF NC 919 966-4305

ROBERTS, LOUIS CARROLL U L/RT
3950 PLYMOUTH ROAD 33 35 40
DURHAM 27707
DUKE 919 489-4215

ROBERTS, MARIE PH L/RT
BOX #7 49 51 51
BAHAMA 27503
MED U OF SC 919 477-2378

ROBERTS, MARY SUSAN S
28 SPRING GARDEN APTS. 87 00 86
CHAPEL HILL 27514
U OF NC 919 942-8363

ROBINSON, KATHY SUE S
4316 LAKE RIDGE DR. 89 00 85
RALEIGH 27604
U OF NC 919 876-3345

ROCKWELL, WILLIAM J. K. P AC
DUKE, DEPT. OF PSYCHIATRY 61 61 68
DURHAM 27710
DUKE 919 684-3073

RODWELL, ELEANOR GP AC
1118 HILLANDALE ROAD 42 42 44
DURHAM 27705
TEMPLE U 919 286-1119

ROLLER, JEFFERY EARL S
146 KINGSBURY DR. 88 00 85
CHAPEL HILL 27514
U OF NC 919 933-9073

ROSENBERG, MARK ROBERT S
BOX 2841, DUMC 88 00 83
DURHAM 27710
DUKE 919 286-7611

ROSENSTEIN, BYRON DAVID R
205 NORTHWOOD DR. 82 83 86
CHAPEL HILL 27514
NORTHWESTERN U 919 942-4209

ROSS, ARTHUR J., III PDS R
34TH ST. & CIVIC CENTER BLVD. 75 75 78
PHILADELPHIA, PA 19104
CASE WESTERN RES 215 596-9375

ROUSE, JAMES BRISTOL PD /N AC
306 S. GREGSON STREET 65 65 71
DURHAM 27701
DUKE 919 688-6349

ROYAL, BILLY WILLIAMSON P AC
P. O. BOX 2387 58 58 62
CHAPEL HILL 27514
BOWMAN GRAY 919 733-5540

ROZAKIS, GEORGE WILLIAM R
2 ABINGDON WAY 82 83 84
DURHAM 27707
CORNELL U 919 544-7906

ROZEAR, MARVIN PRICE N AC
BOX 3849, DUKE UNIV. MED. CTR. 66 66 76
DURHAM 27710
DUKE 919 684-8111

RUFF, RONNIE H. AN R
2752 MIDDLETON AVE. #30L 82 83 85
DURHAM 27705
U OF CA-SAN DIEGO 919 684-8111

RUSSELL, MARK WILLIAM WARD S
BOX 2825, DUMC 89 00 86
DURHAM 27710
DUKE

RUSSELL, WILLIAM ALTON, III S
BOX 2769, DUMC 87 00 84
DURHAM 27710
DUKE 919 286-3391

SABISTON, DAVID COSTON, JR. GS /TS AC
DUKE UNIV. MED. CTR. 47 64 65
DURHAM 27710
JOHNS HOPKINS 919 684-2831

SAFRAN, MARC RAYMOND S
BOX 2769, DUMC 87 00 84
DURHAM 27710
DUKE 919 383-4055

SAHBA, MEHRDAD MAJDZADEH GE /IM AC
306 S. GREGSON STREET 57 57 72
DURHAM 27701
U OF ISFAHAN 919 682-5561

SALOMON, RICHARD JAY D R
2203 S. STERLING ST. 82 82 85
MORGANTON 28655
U OF MICHIGAN 704 438-4683

SALTZMAN, HERBERT AARON PUD AC
BOX 3823, DUMC 52 53 83
DURHAM 27710
JEFFERSON 919 684-4149

SANDERS, GEO. HERBERT SUMNER S
119 F-4 FIDELITY ST. 88 00 86
CARRBORO 27510
U OF NC 919 942-0546

SANDLER, ROBERT SAMUEL GE AC
UNC, 423 CLINICAL SCI. 229-H 75 76 83
CHAPEL HILL 27514
YALE 919 966-2511

SANFILIPPO, ALFRED PAUL PTH /IG AC
3315 STONEYBROOK DRIVE 76 76 74
DURHAM 27705
DUKE 919 684-2482

SATHER, RANDALL KENNETH R AC
1901 HILLANDALE ROAD 69 69 83
DURHAM 27705
MED COLL OF GA 919 383-9407

SAUTER, SUZANNE V. RHU /IM AC
UNC, TRAILER 33, 307-H 74 74 80
CHAPEL HILL 27514
U OF NC 919 966-5164

SAVITT, MICHAEL ANDREW S
311 S. LASALLE ST., APT. 40-J 89 00 85
DURHAM 27705
DUKE 919 286-1989

SAWHNEY, DEEPAK S
4 GOOSENECK CIRCLE 88 00 86
CHAPEL HILL 27514
U OF NC 919 968-1747

SCATLIFF, JAMES HOWARD R AC
N. C. MEMORIAL HOSPITAL 52 66 67
CHAPEL HILL 27514
NORTHWESTERN U 919 966-4238

SCHEIL, CHARLES DAVID S
24-F STRATFORD HILLS 88 00 85
CHAPEL HILL 27514
U OF NC 919 967-4308

SCHIEBEL, HERMAN MAX GS /TS L
1020 ANDERSON ST. 33 38 40
DURHAM 27705
JOHNS HOPKINS 919 489-5109

SCHLASEMAN, GUY W. R AC
3643 N. ROXBORO ST. 46 54 54
DURHAM 27704
DUKE 919 471-3411

SCHLOSSMAN, DAVID MICHAEL IM /ON AC
BOX 3843, DUMC 79 81 85
DURHAM 27710
DUKE 919 684-4385

SCHMALTZ, ROBERT ANDREW S
1315 MORREENE RD. APT. 3K 89 00 85
DURHAM 27705
DUKE 919 383-5972

SCHMIDT, EVELYN PD /PH AC
1301 FAYETTEVILLE STREET 51 51 71
DURHAM 27707
DUKE 919 683-1316

SCHMITT, RAYMOND FRANCIS, JR. CHP /P AC
NCMH, DEPT. OF PSYCHIATRY 59 59 70
CHAPEL HILL 27514
LA STATE U 919 966-2166

SCHMITZ, ROBERT LOWELL FP /EM AC
1409 DOLLAR AVENUE 78 78 85
DURHAM 27701
WASHINGTON U 919 682-1987

SCHUMAN, ROBERT WILLIAM S
1315 MORREENE RD. APT. 13-C 89 00 86
DURHAM 27705
DUKE

SCHWARTZBERG, MARC SCOTT S
6-A ESTES PARK APTS. 87 00 85
CARRBORO 27510
U OF NC 919 967-8034

SCOTT, DIANNE LYNNETTE AN AC
BOX 3060, DUMC 78 80 83
DURHAM 27710
U OF NC 919 684-3239

SCOTT, LINCOLN BAIN ADL AC
UNC STUDENT HEALTH SERVICE 58 61 72
CHAPEL HILL 27514
U OF PENN

SCOTT, STEVEN MARTIN OBG /EM AC
3711 STONEYBROOK DR. 74 74 79
DURHAM 27705
INDIANA U 919 383-0355

SEALY, WILL CAMP TS /CDS L
777 HEMLOCK ST., BOX 6000 36 36 48
MACON, GA 31208
EMORY U 912 744-1000

SEATON, KAREN GIPSON IM /END S
59 POLKS LANDING 88 00 85
CHAPEL HILL 27514
U OF NC 919 383-8388

SEGRETI, EILEEN MARIE S
538 FINLEY ST. 88 00 84
DURHAM 27705
DUKE 919 383-7558

SEIGLER, HILLIARD FOSTER GS AC
BOX 3966, DUMC 60 60 71
DURHAM 27710
U OF NC 919 684-3942

SEMANS, JAMES HUSTEAD U L
DUKE UNIV. MED. CTR. 36 53 54
DURHAM 27710
JOHNS HOPKINS 919 684-2744

SENIOR, ROBERT JOSEPH ADL AC
500 EASTOWNE DR., SUITE 201 55 56 81
CHAPEL HILL 27514
JEFFERSON 919 929-3471

SERAFIN, DONALD PS /GS AC
DUKE, DIV. OF PS 64 64 74
DURHAM 27710
DUKE 919 684-3347

SESSIONS, JOHN TURNER, JR. GE /IM AC
UNC,324 CLINICAL SCI. 229-H 45 52 52
CHAPEL HILL 27514
EMORY U 919 966-2511

SESSIONS, RICK PAUL S
210 WESTBROOK DR. 89 00 85
CARRBORO 27510
U OF NC 919 933-5880

SESSOMS, STUART MCGUIRE IM AC
P. O. BOX 2291 46 46 74
DURHAM 27702
MED COLL OF VA 919 489-6779

SHACKELFORD, JOSEPH ROY, III FP AC
210 S. CAMERON ST. 59 59 85
HILLSBOROUGH 27278
VANDERBILT U 919 732-9311

SHAHADY, EDWARD JOHN FP AC
UNC,TRAILER 15,269H, 64 76 85
DEPT. OF FAM. MED.
CHAPEL HILL 27514
WEST VA U 919 966-3711

SHAHADY, GERTRUDE KOCH S
112-A W. POPLAR AVE. 89 00 85
CARRBORO 27510
U OF NC 919 942-2077

SHALOM, ROSE IM /NEP AC
UNC, BLDG. 469-H 78 80 83
CHAPEL HILL 27514
HARVARD 919 966-2281

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

SHAVENDER, EUGENE FRANK GYN AC
1830 HILLANDALE ROAD 68 68 78
DURHAM 27705
U OF NC 919 383-5531

SHAW, GAIL LYNN IM R
14008 COVE LANE 83 84 83
ROCKVILLE, MD 20851
U OF NC

SHELBURNE, JOHN DANIEL PTH AC
BOX 3712, DUMC 72 72 78
DURHAM 27710
DUKE 919 684-3300

SHELDON, GEORGE FRANK GS /TRS AC
UNC, 131 BURNETT-WOMACK 61 62 84
CHAPEL HILL 27514
U OF KANSAS 919 966-4052

SHELTON, RAYMOND ALAN R
2102 SPRUNT STREET 82 00 80
DURHAM 27705
DUKE 919 286-1276

SHEPARD, ARTHUR JAMES, III S
130-N EAST LONGVIEW 89 00 85
CHAPEL HILL 27514
U OF NC 919 942-2342

SHERMER, RICHARD WAYNE PTH AC
UNC, DEPT. OF PATHOLOGY 63 63 73
BRINKHOUS-BULLITT BLDG.228H
CHAPEL HILL 27514
U OF NC 919 966-2339

SHERRILL, JOHN FRANKLIN, JR. R AC
3643 N. ROXBORO ST. 46 47 52
DURHAM 27704
BOWMAN GRAY 919 471-3411

SHIELDS, MILTON BRUCE OPH AC
DUKE UNIVERSITY EYE CENTER 66 67 76
DURHAM 27710
U OF OKLAHOMA 919 684-2841

SHIMM, CYNIA BROWN P/PYA AC
2609 N. DUKE ST. STE. 103 50 54 76
DURHAM 27704
YALE 919 471-3487

SHINGLETON, WILLIAM WARNER GS AC
BOX 3814, DUMC 43 43 51
DURHAM 27710
BOWMAN GRAY 919 684-2282

SHIPLEY, MICHAEL BURGESS IM /GE AC
1901 HILLANDALE ROAD 74 75 80
DURHAM 27705
DUKE 919 383-1518

SHUGART, MARGARET ANN P R
1713 AVONDALE DR. 84 84 84
DURHAM 27701
MED COLL OF VA 919 688-9003

SIEFKER, JOSEPH DANIEL R
1605 EDGEVALE RD. 83 85 83
DURHAM 27705
LA STATE U 919 688-1816

SIEKER, HERBERT OTTO IM /A AC
BOX 3822, DUMC 48 50 55
DURHAM 27710
WASHINGTON U 919 684-3907

SILBERMAN, HAROLD REITER EM /IM AC
BOX 3975-M, DUMC 56 57 64
DURHAM 27710
WASHINGTON U 919 684-5537

SIMMONS, RACHE MICHELE S
311 S. LASALLE ST. APT. 245 88 00 84
DURHAM 27705
DUKE 919 383-6301

SIMONTON, CHARLES ALISON IM /CD R
BOX 3310, DUMC 80 81 85
DURHAM 27710
HARVARD 919 286-0411

SINGER, F. PHILIP G. FP AC
101 E. CORBIN ST. 75 76 75
HILLSBOROUGH 27278
DUKE 919 732-8131

SINGLETARY, WILLIAM VANCE IM L/RT
306 S. GREGSON STREET 43 44 48
DURHAM 27701
DUKE 919 682-5561

SINGLETARY, WILLIAM VANCE, JR. GE AC
306 S. GREGSON STREET 75 78 80
DURHAM 27701
DUKE 919 682-5561

SISCOVICK, DAVID STUART IM /PH AC
UNC, DEPT. OF MEDICINE 76 77 84
BOX 2,5039 OLD CLI.BLDG.226-H
CHAPEL HILL 27514
U OF MARYLAND 919 966-2276

SKRZYNSKI, MARY CLAIRE S
140 RIDGE TR. 88 00 85
CHAPEL HILL 27514
U OF NC 919 929-4113

SLAUGHTER, THOMAS FREEMAN S
BOX 2862, DUMC 87 00 84
DURHAM 27710
DUKE 919 286-9442

SMALL, KENT WILSON OPH R
3775 GUESS ROAD #23 81 81 84
DURHAM 27705
TULANE U 919 684-6611

SMELZER, TIMOTHY HARVEY IM /PUD AC
891 W. WILLOW DRIVE 62 62 69
CHAPEL HILL 27514
COLUMBIA U 919 942-5123

SMITH, ALLEN DALE D/AM L/RT
182 MONTROSE 37 61 61
DURHAM 27707
MED COLL OF GA 919 489-2642

SMITH, BRYAN WESLEY S
125 HAMILTON ROAD 88 00 84
CHAPEL HILL 27514
DUKE 919 929-7121

SMITH, CHARLES EDWARD P AC
1812 S. LAKE SHORE DRIVE 41 41 69
CHAPEL HILL 27514
GEO WASHINGTON U 919 966-3376

SMITH, DANIEL RAY S
P-2 OLD WELL APTS. 88 00 85
CARRBORO 27510
U OF NC 919 942-5477

SMITH, DOUGLAS GRAHAM S
127-A TALL OAKS RD. 88 00 85
CHAPEL HILL 27514
U OF NC 919 967-2035

SMITH, HELEN ELIZABETH R
3312-L CIRCLE BROOK DR. SW 85 00 83
ROANOKE, VA 24014
U OF NC 703 772-3071

SMITH, IRA Q. OBG AC
2609-B CARVER ST. 79 80 82
DURHAM 27705
BOWMAN GRAY 919 471-1573

SMITH, MICHAEL ALSON FP S
3600 TREMONT DR., APT. F-1 86 00 83
DURHAM 27705
DUKE 919 383-4326

SMITH, SPENCER MARION S
206 ALEXANDER ST., APT. E 89 00 85
DURHAM 27705
DUKE 919 684-1502

SMITH, TONY PRESTON DR R
913 DARTMOUTH AVE. 81 85 79
MINNEAPOLIS, MN 55414
EAST CAROLINA U

SOCKWELL, SAMUEL THOMAS S
209-C BRANSON ST. 88 00 85
CHAPEL HILL 27514
U OF NC 919 933-6668

SOFLEY, CARL WILSON, JR. S
319 KILBOURNE RD. 86 00 84
COLUMBIA, SC 29205
U OF NC

SOLOMON, DONALD JEFFREY N R
1202 MEDICAL CENTER DR. 81 81 81
WILMINGTON 28401
STANFORD U

SOLTYS, JOHN JOSEPH P/CHP AC
UNC, MEDICAL WING D, 208-H 59 59 79
CHAPEL HILL 27514
HARVARD 919 966-5277

SOMERS, WILLIAM ALAN ORS AC
1830 HILLANDALE ROAD 72 72 81
DURHAM 27705
DUKE 919 286-1249

SORROW, JOHN MITCHELL, JR. IM /CD AC
N. C. MEMORIAL HOSPITAL 46 46 54
CHAPEL HILL 27514
U OF PENN 919 962-8336

SPANGLER, THOMAS CLAYTON R
1603 ARTHUR DR. 84 00 84
GRAHAM 27253
U OF NC 919 942-1729

SPARLING, PHILIP FREDERICK ID /IM AC
UNC SCHOOL OF MEDICINE 62 62 70
CHAPEL HILL 27514
HARVARD 919 966-2536

SPENCER, ROGER FELIX P/PYA AC
NCMH, 201 SOUTH WING 59 63 63
CHAPEL HILL 27514
HARVARD 919 966-4622

SPOCK, ALEXANDER PDA /A AC
BOX 2994, DUMC 55 60 65
DURHAM 27710
U OF MARYLAND 919 681-3364

SPRAGUE, DAVID HUGH AN AC
UNC, DEPT. OF ANES. 69 70 85
CHAPEL HILL 27514
ALBANY MED COLL 919 966-3371

STAAB, EDWARD VINCENT NM /DR AC
410 ELLIOTT ROAD 61 61 74
CHAPEL HILL 27514
U OF MINN 919 966-4400

STAFFORD, STEVEN JAMES U AC
UNC,BURNETT-WOMACK 229-H 76 76 83
CHAPEL HILL 27514
U OF CHICAGO 919 966-2571

STANKUS, PAUL VICTOR AN AC
7 LITCHFORD ROAD 76 76 81
CHAPEL HILL 27514
U OF NC 919 967-5295

STANSBERRY, HOWARD ARTHUR IM /EM AC
14 PRESTWICK 79 79 83
DURHAM 27705
WEST VA U

STAREK, PETER JOSEF KARL TS /GS AC
UNC, DIV. OF CARDIO-SURGERY 64 64 71
CHAPEL HILL 27514
OHIO STATE U 919 966-3381

STARK, MERITT WILLIAM PD /PH AC
1606 SYCAMORE ST. 43 43 82
DURHAM 27707
U OF COLORADO 919 489-3589

STEIN, JEANNETTE FISCHER IM AC
1301 FAYETTEVILLE ST. 81 82 86
DURHAM 27707
U OF NC 919 683-1316

STEINER, BEAT DANIEL S
102 KELLY COURT 89 00 86
CHAPEL HILL 27514
U OF NC 919 933-0508

STEPHENS, JOSEPH ARTHUR GYN AC
2609 N. DUKE ST., STE. 102 52 53 75
DURHAM 27704
U OF PITTSBURGH 919 477-2183

STEPHENSON, JOHN HADDON S
500 UMSTEAD RD. 201-E 89 00 85
CHAPEL HILL 27514
U OF NC 919 968-8134

STETSON, MARGARET ANN FP /EM AC
ROUTE #3, BOX 429 77 78 85
HILLSBOROUGH 27278
U OF ROCHESTER 919 682-3374

STEVENS, WILLIAM ROSS S
3903 NEAL RD., APT. #4 89 00 85
DURHAM 27705
DUKE 919 383-2073

STEVENSON, KARL CHP /P AC
2609 N. DUKE ST., STE. 103 66 66 73
DURHAM 27704
BOWMAN GRAY 919 471-3487

STEWART, ROBERT DOUGLAS IM AC
1901 HILLANDALE ROAD 74 75 77
DURHAM 27705
WEST VA U 919 383-1518

STICKEL, DELFORD LEFEW GS AC
BOX 3917, DUMC 53 58 62
DURHAM 27710
DUKE 919 684-6129

STOKES, THOMAS ANGIER, JR. GYN AC
2609 N. DUKE ST., STE. 102 55 55 60
DURHAM 27704
DUKE 919 477-2183

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

STONE, LISA MARIE S
818 N. BUCHANAN BLVD. 88 00 85
DURHAM 27701
DUKE 919 286-2377

STOPFORD, WOODHALL OM /IM AC
BOX 2914, DUMC 69 70 80
DURHAM 27710
HARVARD 919 684-6677

STRATTON, IDA JANICE DEAS PD /PH AC
414 E. MAIN ST. 61 61 84
DURHAM 27701
TULANE U 919 682-8176

STRATTON, JOHN PERLEY IM /HEM AC
2609 N. DUKE ST., STE. 304 61 61 69
DURHAM 27704
HARVARD 919 471-8446

STROHL, DURGA S
BOX 2784, DUMC 87 00 86
DURHAM 27710
DUKE 919 489-3886

STROPE, GERALD LELAND PD /PUD AC
UNC, 635 CLINICAL SCI. BLDG. 74 75 81
CHAPEL HILL 27514
U OF ROCHESTER 919 966-1055

SUGARMAN, JEREMY S
28 JUSTIN CT. 86 00 83
DURHAM 27705
DUKE 919 477-9435

SUGIOKA, KENNETH AN L/RT
RT. #7, BAYBERRY DR. 49 54 55
CHAPEL HILL 27514
WASHINGTON U 919 933-0487

SUGIOKA, MARY HINTERNHOFF PD AC
CCSDL, BSRC 220-H 67 67 79
UNC SCHOOL OF MEDICINE
CHAPEL HILL 27514
DUKE 919 966-5171

SULLIVAN, ROBERT JOSEPH, JR. IM /FP AC
294 HIGHVIEW DRIVE 66 71 74
CHAPEL HILL 27514
CORNELL U 919 684-6721

SUMMERS, FRED DAVIDSON, JR. OBG RT
ROUTE #1, BOX 181 63 63 69
CHAPEL HILL 27514
U OF NC 919 929-2158

SUMNER, BRIAN MONTGOMERY S
218 CEDARWOOD LANE 88 00 84
CARRBORO 27510
U OF NC 919 967-6473

SUTTON, SYLVIA S
H-5 TARHEEL MANOR 88 00 85
CARRBORO 27510
U OF NC 919 929-7746

SWEENEY, CHARLES H. ATKINSON OBG R
504 THE OAKS 83 00 83
CHAPEL HILL 27514
EAST CAROLINA U 919 967-2503

SWIFT, MICHAEL RONALD IM AC
NCMH, BSRC 220-H 62 62 73
CHAPEL HILL 27514
NEW YORK U 919 966-2266

SWIFT, RONNIE GORMAN P AC
ROUTE #7, BOX 284 75 76 81
CHAPEL HILL 27514
U OF NC 919 933-5857

SYKES, KASSELL EUGENE, JR. S
306 ESTES DR., APT. G-11 88 00 85
CARRBORO 27510
U OF NC 919 942-8492

SYKES, LISA CAROL S
204-A HOWELL ST. 89 00 85
CHAPEL HILL 27514
U OF NC 919 968-4727

TAFT, TIMOTHY NED ORS AC
UNC, DIV. OF ORS 69 72 73
CHAPEL HILL 27514
U OF MISSOURI 919 966-2039

TALBERT, LUTHER MARCUS OBG /END AC
N. C. MEMORIAL HOSPITAL 53 59 59
CHAPEL HILL 27514
U OF VIRGINIA 919 966-5438

TALTON, INGEBORG HILDEBRAND AN AC
2725 MONTGOMERY ST. 52 66 68
DURHAM 27705
JUSTUS-LIEBIG U 919 684-3591

TARRY, WALLACE CLEMENTS S
208 E. KNOX ST. 89 00 85
DURHAM 27702
DUKE 919 693-3223

TAYLOR, CATHERINE ANNE CHP /PD AC
NCMH, DIV. OF CHILD PSY. 57 57 70
CHAPEL HILL 27514
U OF TENNESSEE 919 966-2166

TAYLOR, JENNIFER ELAINE AN AC
BOX 3061, DUMC 78 79 84
DURHAM 27710
U OF MARYLAND 919 684-2945

TEDDER, MARK S
2658 HITCHCOCK DR. 88 00 84
DURHAM 27705
DUKE 919 286-4299

TENNISON, MICHAEL BYRON CHN /PD AC
UNC SCHOOL OF MEDICINE 75 79 81
751 BURNETT-WOMACK 229-H
CHAPEL HILL 27514
HARVARD 919 966-2528

TEPLIN, STUART WARREN PD AC
UNC,DDDL/BSRC 220-H 73 74 83
CHAPEL HILL 27514
U OF PENN 919 966-5171

TERRELL, GRACE EMERSON S
2920 CHAPEL HILL RD. APT. 54-D 89 00 85
DURHAM 27707
DUKE 919 493-3147

THIERJUNG, CHRISTINA S
1915 ERWIN RD. APT. D 89 00 86
DURHAM 27705
DUKE 919 684-6369

THOMAS, COLIN GORDON, JR GS AC
UNC,BURNETT-WOMACK 229-H 43 52 52
CHAPEL HILL 27514
U OF CHICAGO 919 966-4597

THOMAS, JULIE MARIANNA S
L-7 ROYAL PARK 88 00 86
CARRBORO 27510
U OF NC 919 967-8010

THOMPSON, ERVIN MAGNUS P AC
3643 N. ROXBORO ST. 72 76 86
DURHAM 27704
VANDERBILT U 919 470-6241

THOMPSON, LAWRENCE KESLAR, III PS AC
2609 N. DUKE ST., STE. 401 61 61 70
DURHAM 27704
DUKE 919 471-2502

THOMPSON, WILLIAM MOREAU DR /R AC
DUMC, DEPT. OF RADIOLOGY 69 71 75
DURHAM 27710
U OF PENN 919 684-2711

TIEDEMAN, JAMES STUART OPH AC
BOX 3802, DUMC 77 80 83
DURHAM 27710
DUKE 919 684-3090

TOHER, RAYMOND JOSEPH, JR. IM AC
1901 HILLANDALE ROAD 75 75 80
DURHAM 27705
DUKE 919 383-1518

TOLLEY, AUBREY GRANVILLE P AC
110 LAUREL HILL ROAD 52 56 56
CHAPEL HILL 27514
U OF VIRGINIA 919 942-5754

TOMSICK, ROBERT S. D AC
UNC, DEPT. OF DERMATOLOGY 76 77 85
CHAPEL HILL 27514
U OF NC 919 966-4506

TRACHMAN, JAYNE FELICIA S
1909 YEARBY AVE., APT. F 89 00 85
DURHAM 27705
DUKE 919 684-5588

TRAVIS, JO MARLENE S
45 HARDING AVENUE 86 00 85
BRANFORD, CT 06405
U OF NC 203 481-7026

TRUETT, ARTIS PRESTON, III S
2672 HITCHCOCK DR. 88 00 84
DURHAM 27705
DUKE 919 479-5299

TURNER, LARRY OPH /OTO L
1110 W. MAIN STREET 39 41 47
DURHAM 27701
DUKE 919 682-9341

TUTTLE, GREGORY HOWARD FP /EM AC
111 SUMMERLIN DRIVE 78 78 83
CHAPEL HILL 27514
U OF NC 919 966-2281

TWEED, JOHN LINDSEY S
811 VICKERS AVE. 87 00 85
DURHAM 27701
DUKE 919 688-0527

TYSON, GEORGE WALTER NS AC
T12-080 HEALTH SCIENCE CTR. 73 76 81
DETP. NS--S.U.N.Y.-STONYBROOK
STONYBROOK, NY 11794
U OF VIRGINIA 516 444-1210

URBANIAK, JAMES RANDOLPH ORS /HS AC
BOX 2912, DUKE HOSPITAL 62 62 70
DURHAM 27710
DUKE 919 684-2476

UTHE, WILLIAM FREDERICK IM AC
1901 HILLANDALE ROAD 74 77 80
DURHAM 27705
MED COLL OF OHIO 919 383-1518

VAN DYKE, ALLEN H., JR. OBG /GYN AC
2609 N. DUKE ST., STE. 204 71 71 77
DURHAM 27704
BOWMAN GRAY 919 471-8402

VAN TASSEL, ERIC D. IM /CD R
410 EDGELAND PLACE 82 82 79
BIRMINGHAM, AL 35209
U OF NC

VANDIVIERE, H. MAC PUD /PD AC
U. OF KENTUCKY, PED. MN 102 60 60 61
LEXINGTON, KY 40536
U OF NC 606 233-5857

VARIA, INDIRA MAHESH P AC
BOX 3857, DUMC 68 76 81
DURHAM 27710
M P SHAH MED COL 919 929-6726

VARIA, MAHESH AMRATLAL TR AC
NCMH, DIV.OF RAD. THERAPY 67 73 77
CHAPEL HILL 27514
U OF LIVERPOOL 919 966-1101

VARTANIAN, VARTAN AN AC
BOX 3060, DUMC 61 66 77
DURHAM 27710
DUKE 919 684-6841

VAUGHAN, DANIEL PATRICK IM /ADL AC
UNC, STUDENT HEALTH 71 72 75
CHAPEL HILL 27514
WAYNE STATE U 919 966-2281

VAUGHAN, ROBERT WILLIAM AN AC
101 BARNHILL PLACE 66 66 84
CHAPEL HILL 27514
U OF TEXAS-SW 919 966-5136

VICK, WILLIAM WOODROW PTH /OBG S
259 NATURE TRAIL 87 00 84
CHAPEL HILL 27514
DUKE 919 933-5531

VIGLIONE, CHERYL ANNE DR /GP AC
213 NORTHWOOD DR. 79 79 82
CHAPEL HILL 27514
PENN STATE U 919 966-1461

VUKOSON, MATTHEW BRUCE FP AC
UNC, STUDENT HEALTH SERVICE 77 78 81
CHAPEL HILL 27514
WEST VA U 919 966-2281

WADSWORTH, JOSEPH A.C. OPH L
1830 HILLANDALE RD. 39 65 65
DURHAM 27705
DUKE 919 383-5531

WALKER, RICHARD ISLEY IM /HEM AC
N. C. MEMORIAL HOSPITAL 54 54 62
CHAPEL HILL 27514
HARVARD 919 966-4546

WALL, STEPHEN NELSON S
705 GREENWOOD ROAD 86 00 84
CHAPEL HILL 27514
U OF NC 919 942-1933

WALSTON, ABE, II CD /IM AC
306 S. GREGSON STREET 63 63 76
DURHAM 27705
DUKE 919 682-5561

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

WALTERS, BRADFORD BLAIR NS AC
UNC DIV. OF NEUR. SURG. 79 80 86
BURNETT-WOMACK 229H
CHAPEL HILL 27514
HARVARD 919 966-1374

WALTHER, PHILIP JOHN U AC
BOX 3314, DUMC 75 77 83
DURHAM 27710
DUKE 919 684-5235

WARBURTON, SAMUEL W., JR. FP AC
407 CRUTCHFIELD STREET 69 70 81
DURHAM 27704
U OF PENN 919 471-2571

WARD, WILLIAM GOODE ORS R
21 GORHAM PLACE 78 80 84
DURHAM 27705
DUKE 919 383-9667

WARDEN, CLARK GERARD GS R
212 CEDARWOOD LANE 84 84 84
CARRBORO 27510
TULANE U 919 967-9414

WARREN, JEFFERY STEVEN EM /GS R
C/O W. JEFF WARREN 82 82 80
227 W. MARSH ST.
SALISBURY 28144
DUKE

WASHINGTON, MARY KAY S
503 E. TRINITY AVE. 87 00 84
DURHAM 27701
U OF NC 919 688-0297

WATKINS, WALTER DAVID AN /PA AC
BOX 3081, DUMC 75 78 84
DURHAM 27710
U OF COLORADO 919 681-2498

WATSON, CHARLES BARNES AC
NCMH, DEPT. AN, 2162-A 2ND FL. 73 73 85
CHAPEL HILL27514
U OF MARYLAND 919 966-4000

WATSON, RICHARD BALDWIN AN R
816 ARCHDALE DR. 80 80 85
DURHAM 27707
TULANE U 919 684-6255

WATTS, CHARLES DEWITT GS /ABS AC
510 SIMMONS STREET 43 45 67
DURHAM 27701
HOWARD U 919 688-3391

WEAVER, JAMES PHILLIP TS /CDS AC
1830 HILLANDALE ROAD 69 71 84
DURHAM 27705
U OF PENN 919 383-5531

WEBB, BAILEY PD L
1824 HILLANDALE ROAD 46 49 49
DURHAM 27705
DUKE 919 286-2202

WEBB, MICHAEL STEPHEN, JR. S
311 S. LA SALLE ST., #18-D 89 00 85
DURHAM 27705
DUKE 919 383-4960

WEBER, ERIC D. NS R
2 CARSON CIRCLE 81 82 85
DURHAM 27705
SYRACUSE 919 383-0465

WEBSTER, GEORGE DAVID U AC
DUMC, DIV. OF UROLOGY 68 77 79
DURHAM 27710
U OF BIRMINGHAM 919 684-2516

WECHSLER, ANDREW S. CDS /GS AC
DUKE UNIV. MED. CTR. 64 68 81
DURHAM 27710
ST U OF NEW YORK 919 684-5282

WEIG, SPENCER GREENWOOD CHN R
UNIV. OF MASS. MED. CTR. 73 76 84
DEPT. OF NEUROLOGY
WORCESTER, MA 01605
MT SINAI MED COL

WEINERTH, JOHN LOUIS U/GS AC
DUKE, DEPT. OF SURGERY 67 71 73
DURHAM 27710
HARVARD 919 684-4157

WEINGART, JON DAVID S
BOX 2808, DUMC 87 00 84
DURHAM 27710
DUKE 919 383-3882

WEINRICH, A. ELISE D AC
2609 N. DUKE ST. STE. 505 78 78 83
DURHAM 27704
MED U OF SC 919 477-2121

WEISS, ERIC ANDREW S
2724 MIDDLETON AVE., APT. A 87 00 86
DURHAM 27705
DUKE 919 383-8417

WEISS, JAMES RICHARD P AC
400 EASTOWN DR., STE. 102 73 76 79
CHAPEL HILL 27514
LA STATE U 919 489-2671

WEITZNER, STANLEY WALLACE AN AC
417 LYONS ROAD 53 54 78
CHAPEL HILL 27514
NEW YORK U 919 684-2425

WELLMAN, DAVID KENTON GS /EM AC
2413 MONT HAVEN DR. 72 72 79
DURHAM 27712
DUKE 919 471-6482

WELLS, JAMES SHELTON, JR. P/PYM AC
ROUTE #3, BOX 456 77 78 75
HILLSBOROUGH 27278
U OF NC 919 967-6353

WELLS, WARNER LEE GS L/RT
109 PARK PLACE #4 38 41 46
CHAPEL HILL 27514
DUKE 919 968-0069

WERTMAN, DANIEL EDWARD, JR. R AC
DURHAM CO. HOSP., RADIOLOGY 76 77 84
DURHAM 27704
OHIO STATE U 919 471-3411

WESTON, BRENT WILLIAM PD R
301 OLD FOX TRAIL 85 85 85
DURHAM 27713
DUKE 919 489-1765

WHALEN, ROBERT EMMET CD /IM AC
DUKE UNIV. MED. CTR. 56 59 68
DURHAM 27710
CORNELL U 919 684-6315

WHALEY, ROBERT ALLAN DR /N AC
748 SHADYLAWN ROAD 58 66 80
CHAPEL HILL 27514
M C OF WISCONSIN 919 966-4397

WHANGER, ALAN DUANE P AC
1712 WOODBURN ROAD 56 56 70
DURHAM 27705
DUKE 919 684-2545

WHATLEY, JOSEPH WILLIAM, JR. PDA /A AC
2919 COLONY ROAD 59 59 63
DURHAM 27705
DUKE 919 489-9158

WHEELER, CLAYTON EUGENE, JR. D/IM AC
NCMH, DEPT. OF DERMATOLOGY 41 62 62
CHAPEL HILL 27514
U OF WISCONSIN 919 966-4507

WHEELER, THERESA LYN S
0-6 KINGSWOOD APTS. 89 00 85
CHAPEL HILL 27514
U OF NC 919 929-3702

WHISNANT, JOHN KEENAN, JR. PD /ON AC
237 HUNTINGTON DR. 68 68 80
CHAPEL HILL 27514
BOWMAN GRAY 919 248-4160

WHITESIDES, DANIEL BAXTER R
4404 CHESHIRE CT. 76 85 85
DURHAM 27705
DUKE 919 383-8731

WILCOX, BENSON REID CDS AC
UNC,108 BURNETT-WOMACK -229-H 57 57 65
CHAPEL HILL 27514
U OF NC 919 966-3381

WILCOX, WILLIAM DAVID OPH AC
116 CRUTCHFIELD ST. 70 71 84
DURHAM 27704
U OF PITTSBURGH 919 477-8050

WILFERT, CATHERINE M. MINOCK PD /ID AC
BOX 2951, DUMC 62 62 85
DURHAM 27710
HARVARD 919 684-6610

WILKINSON, ROBERT HOLDEN, JR. NM /R AC
BOX 3949, DUMC 58 67 68
DURHAM 27710
WASHINGTON U 919 681-2711

WILLIAMS, EDWARD SUTHERLIN IM /CD AC
306 S. GREGSON STREET 54 54 64
DURHAM 27701
U OF NC 919 682-5561

WILLIAMS, ELLIOTT FENNELL S
UNC-542 CRAIGE DORM. 88 00 86
CHAPEL HILL 27514
U OF NC 919 933-3620

WILLIAMS, REDFORD BROWN, JR. IM /P AC
ROUTE #1, BOX 455 67 72 82
HILLSBOROUGH 27278
YALE 919 684-3863

WILLIAMS, RICHARD FREDERICK,JR S
BOX 2866, DUMC 86 00 83
DURHAM 27710
DUKE 919 286-9676

WILSON, FRANK CRANE ORS AC
N. C. MEMORIAL HOSPITAL 54 64 64
CHAPEL HILL 27514
MED COLL OF GA 919 966-3359

WILSON, JAMES STEPHENSON GS L
1830 HILLANDALE ROAD 37 47 47
DURHAM 27705
DUKE 919 383-5531

WILSON, LOCKE S
ROUTE #5, BOX 177 86 00 84
CHAPEL HILL 27514
U OF NC 919 942-3276

WILSON, MARK EDWARD S
616-D HIBBARD DR. 88 00 86
CHAPEL HILL 27514
U OF NC 919 933-5886

WILSON, WILLIAM PRESTON P AC
P. O. BOX 2347 47 50 53
BURLINGTON 27215
DUKE 919 229-6049

WINFIELD, JOHN BUCKNER RHU /IM AC
UNC DEPT. OF MEDICINE 68 69 79
CHAPEL HILL 27514
CORNELL U 919 966-4191

WOLFE, JOHN ALAN PTH /FOP AC
2222 CRANFORD ROAD 80 81 84
DURHAM 27706
U OF MICHIGAN 919 684-3300

WOLFE, WALTER GEORGE CDS /TS AC
BOX 3507, DUMC 63 63 72
DURHAM 27710
TEMPLE U 919 684-4117

WOMBLE, JAMES CORNELIUS S
16 CREEKSIDE APTS. 86 00 83
PITTSBORO 27312
U OF NC 919 942-1475

WOMBWELL, JOSEPH ORS /HS R
2417 BRUTON 80 81 84
DURHAM 27706
U OF KENTUCKY 919 489-9312

WOOD, WILLIAM BAINSTER IM /PUD AC
UNC, 231 MACNIDER BLDG. 56 56 63
CHAPEL HILL 27514
U OF NC 919 962-2118

WOODLEY, DAVID TIMOTHY D/IM AC
NCMH, DEPT. OF DERM., #137 73 76 85
CHAPEL HILL 27514
U OF MISSOURI 919 966-4506

WOODRUFF, WILLIAM WALTER, III DR R
BOX 3808, DUMC 82 83 84
DURHAM 27710
DUKE 919 681-2711

WOODS, JAMES WATSON, JR. CD /IM AC
UNC SCHOOL OF MEDICINE 43 48 48
CHAPEL HILL 27514
VANDERBILT U 919 966-4445

WOODS, JON POINTON S
113 PUREFOY ROAD, APT. D 89 00 83
CHAPEL HILL 27514
U OF NC 919 942-0654

WORDE, BOYD THOMAS TR AC
BOX 3085, DUKE HOSPITAL 47 59 59
DURHAM 27710
U OF TENNESSEE 919 684-3742

WORKMAN, JOSEPH BERKELEY NM /IM AC
219 COUNTRY CLUB DRIVE 46 46 72
DURHAM 27712
U OF MARYLAND 919 681-2711

DURHAM-ORANGE COMPONENT SOCIETY (Continued)

WRIGHT, JOHN JOSEPH PH L/RT
105 LAUREL HILL CIRCLE 35 35 42
CHAPEL HILL 27514
VANDERBILT U 919 942-4557

WRIGHT, PAUL HARLAN ORS AC
1901 HILLANDALE ROAD 74 74 73
DURHAM 27705
BOWMAN GRAY 919 383-1511

WYNN, TONJA MICHELLE S
E-17 CAROLINA APTS. 89 00 85
CARRBORO 27510
U OF NC 919 933-2173

WYSOR, WILLIAM GEOFFREY, JR. IM /GE AC
306 S. GREGSON STREET 50 57 57
DURHAM 27701
U OF VIRGINIA 919 682-5561

YADAV, SANJAY SINGH R
4006 LIVINGSTONE PLACE 83 84 86
DURHAM 27707
WEST VA U 919 286-2352

YANCY, WILLIAM SAMUEL PD /ADL AC
306 S. GREGSON STREET 65 65 72
DURHAM 27701
DUKE 919 688-6349

YANG, SYNGIL S
BOX 2865, DUMC 88 00 84
DURHAM 27710
DUKE 919 286-7489

YARBROUGH, WENDELL GRAY S
3930 LEINBACH DR. 89 00 86
WINSTON-SALEM 27106
U OF NC 919 924-2447

YARLEY, DEWEY HOBSON IM AC
2609 N. DUKE STREET 56 56 65
DURHAM 27704
U OF NC 919 471-8481

YEAGER, CHARLES FRANK TR /PTH R
4205 LIVINGSTONE PLACE 74 84 84
DURHAM 27707
U OF ALABAMA

YOSHINO, PAUL HARUTAKA S
BOX 2820, DUMC 87 00 84
DURHAM 27710
DUKE 919 383-6059

YOUNG, DANIEL TEST CD /IM AC
UNC,338 CLINICAL SCI. 229-H 50 50 57
CHAPEL HILL 27514
HARVARD 919 966-4602

YOUNG, NOEL WILLIAM, JR. OPH AC
2609 N. DUKE STREET 63 63 70
DURHAM 27704
DUKE 919 471-8495

YOUNG, WILLIAM GLENN, JR. TS /CDS AC
DUKE UNIV. MED. CTR. 48 50 57
DURHAM 27710
DUKE 919 684-2037

YOUNG, WILLIAM PHARO W. ADL /PD AC
UNC STUDENT HEALTH SERV. 58 58 81
CHAPEL HILL 27514
MED COLL OF VA 919 966-2281

YOUNT, WILLIAM JAY RHU /AI AC
UNC,932 FLOB BLDG. 231-H 60 60 70
CHAPEL HILL 27514
U OF WISCONSIN 919 966-4191

YOWELL, ROBERT KLUTTZ OBG AC
2609 N. DUKE ST., STE. 204 61 61 69
DURHAM 27704
DUKE 919 471-8402

ZISKA, JENNIFER PAGE S
11 PROVIDENCE COURT 89 00 85
DURHAM 27705
U OF NC 919 383-7310

33. EDGECOMBE COMPONENT SOCIETY

OFFICERS—**President:** John I. Brooks, M.D., Tarboro (919 823-2105)
Secretary: John G. Morgan, M.D., Tarboro (919 823-2105)

AUTEN, RICHARD LAMBERT, JR. PD AC
WILSON MEMORIAL HOSPITAL 81 81 85
TARBORO ST.
WILSON 27893
U OF NC

BROOKS, JOHN IRVING, JR. IM AC
101 CLINIC DRIVE 58 58 64
TARBORO 27886
U OF NC 919 823-2105

CLINE, DAVID MARTIN EM AC
111 HOSPITAL DR. 82 83 85
TARBORO 27886
WAYNE STATE U 919 641-7134

CRAWFORD, ROBERT ORR, JR. OPH AC
101 CLINIC DR. 54 54 58
TARBORO 27886
BOWMAN GRAY 919 823-2105

CUTCHIN, LAWRENCE MCGILBRA IM /PD AC
101 CLINIC DRIVE 62 62 69
TARBORO 27886
U OF NC 919 823-2105

DREW, JOHN EDWIN FP AC
P. O. BOX 337 60 60 61
MACCLESFIELD 27852
BOWMAN GRAY 919 827-5231

FULBRIGHT, DEBORAH KAY PTH AC
1203 HOWARD AVE. 79 79 84
TARBORO 27886
U OF ARKANSAS 919 641-7155

HEMINGWAY, GEORGE C., JR. IM /PD AC
101 CLINIC DRIVE 63 63 70
TARBORO 27886
U OF NC 919 823-2105

HIX, MARK TIMOTHY IM AC
101 CLINIC DR. 81 82 85
TARBORO 27886
BOWMAN GRAY 919 823-2105

HUGHES, RONALD EUGENE FP /OM AC
101 CLINIC DR. 78 79 82
TARBORO 27886
U OF NC 919 437-2171

HUSSEY, HOWARD S., JR. FP L/RT
908 ST. ANDREW STREET 42 42 43
TARBORO 27886
JEFFERSON 919 823-2534

KELSH, JAMES MICHAEL GS AC
101 CLINIC DRIVE 58 58 69
TARBORO 27886
U OF MARYLAND 919 823-2105

LEBLANG, STEVEN SETH FP AC
101 CLINIC DR. 81 82 85
PINETOPS 27864
BOWMAN GRAY 919 827-5135

MARROW, JANE GREGORY GYN AC
1003 MAIN STREET 43 43 71
TARBORO 27886
DUKE 919 823-8491

MARTIN, ERNEST EDWARD, JR. FP AC
P. O. BOX 460 81 81 85
TARBORO 27886
LA STATE U 919 823-2105

MILLER, DAVID CHARLES ORS AC
106 HERITAGE CIRCLE 80 80 86
TARBORO 27886
HAHNEMANN 919 823-7212

MORGAN, JOHN GARLAND GS /CDS AC
101 CLINIC DR. 62 62 75
TARBORO 27886
DUKE 919 823-2105

NAVE, LESTER DAVID, JR. FP AC
111 FAIRVIEW ROAD 81 83 85
ROCKY MOUNT 27801
BOWMAN GRAY 919 446-3333

NEWTON, DALE ALAN IM /PD AC
101 CLINIC DRIVE 73 74 75
TARBORO 27886
U OF NC 919 823-2105

PETERS, ROBERT BROOKES, IV FP AC
101 CLINIC DRIVE 80 81 84
TARBORO 27886
U OF NC 919 823-2105

QUIGLESS, MILTON DOUGLAS, SR. GP /D AC
P. O. BOX 368 34 34 80
TARBORO 27886
MEHARRY MED COLL 919 823-2112

ROBERSON, EDWARD LEON GS L/RT
807 MAIN STREET 34 34 37
TARBORO 27886
U OF MARYLAND 919 823-3035

TEMPLE, PETER LIVERMORE FP AC
101 CLINIC DRIVE 63 68 68
TARBORO 27886
EMORY U 919 823-2105

THOMPSON, KENNETH COCHRAN P AC
101 CLINIC DRIVE 61 61 71
TARBORO 27886
U OF CINCINNATI 919 823-2105

VICK, HENRY VERNELL FP AC
101 CLINIC DRIVE 55 55 59
TARBORO 27886
BOWMAN GRAY 919 823-2105

WINSLOW, JAMES WEEKS FP AC
101 CLINIC DRIVE 75 75 79
TARBORO 27886
U OF NC 919 823-2105

YENNY, MATTHEW F. J., JR. R AC
2901 N. MAIN ST. 54 61 61
TARBORO 27886
JEFFERSON 919 443-9101

34. FORSYTH-STOKES-DAVIE COMPONENT SOCIETY

OFFICERS—**President:** Gregory G. Holthusen, M.D., Winston-Salem (919 768-1270)
Secretary: Perry B. Clark, M.D., Winston-Salem (919 765-9350)
Executive Director: Mr. James T. Robinson, 1401-D Old Mill Circle, Winston-Salem 27103 (919 760-1235)

ADAMS, HARLEY STEWART R L/RT
2710 ST. CLAIRE ROAD 42 50 50
WINSTON-SALEM 27106
CASE WESTERN RES 919 768-3555

ADAMS, MELANIE S
300 S. HAWTHORNE RD., BOX 447 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 721-2715

ADAMS, PATRICIA LEE NEP /IM AC
300 S. HAWTHORNE RD. 74 74 80
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4538

AHL, ERNEST THEODOR, JR. PTH AC
DEPT. OF PATHOLOGY 76 80 84
BOWMAN GRAY SCH. OF MED.
WINSTON-SALEM 27103
EMORY U 919 748-2637

ALBERTSON, DAVID ALLEN GS AC
BOWMAN GRAY-SURGERY 72 72 73
WINSTON-SALEM 27103
U OF VIRGINIA 919 748-4442

ALEXANDER, EBEN, JR. NS L
BOWMAN GRAY SCH. OF MED. 39 48 48
WINSTON-SALEM 27103
HARVARD 919 748-4082

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

ALLEN, DAVID HENRY CHP /P AC
1334 ASHLEY SQUARE 64 64 72
WINSTON-SALEM 27103
WASHINGTON U 919 765-1866

ALLEN, ELMS LEACH HEM /ON AC
3314 HEALY DR. STE. 107 66 66 74
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-2521

ALSON, ROY LEE EM R
4447 LAUREL OAKS DR. 85 00 83
ALLISON PARK, PA 15101
BOWMAN GRAY 412 359-3131

ALSUP, ROBERT MARTIN OTO AC
175 CHARLOIS BLVD., STE. 101 74 77 80
WINSTON-SALEM 27103
U OF NC 919 768-3361

ALSUP, WILLIAM BYRN, JR. OTO L/RT
261 WESTVIEW DR. SW 40 47 49
WINSTON-SALEM 27104
MED COLL OF GA 919 724-0487

AMSELLEM, DAVID P AC
3924 OLD VINYARD RD. #29 73 73 85
WINSTON-SALEM 27104
U OF MONTPELLIER 919 765-6525

ANAGNOS, DAMON PHILIP S
832 LOCKLAND AVE. 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-9897

ANDERSON, ROBERT LOUIS OBG AC
BOX 301, CENTRAL ROAD 68 68 79
CLEMMONS 27012
CREIGHTON U 919 760-0444

ANDERSON, STEPHEN GRIFFITH OBG AC
2927 LYNDHURST AVENUE 63 63 71
WINSTON-SALEM 27103
EMORY U 919 765-9350

ANDREW, RAYMOND HALL P AC
2841 F TULLY SQUARE 70 71 84
WINSTON-SALEM 27106
U OF ILLINOIS 919 768-4730

ANGELO, JEAN NICHOLAS NA /PTH AC
BOWMAN GRAY-PATHOLOGY 50 55 80
WINSTON-SALEM 27103
TUFTS U 919 748-4311

ANTONAKOS, THEODORE GS L/RT
P. O. BOX 8 35 36 46
DANBURY 27016
MED COLL OF GA 919 593-8276

AUSTIN, WILLIAM ELLIOT GE /IM AC
1830 HAWTHORNE ROAD 75 76 81
WINSTON-SALEM 27103
MED COLL OF VA 919 765-0463

BAHNSON, EDWARD REID IM /OM L/RT
2725 WINDSOR ROAD 42 42 48
WINSTON-SALEM 27104
U OF PENN 919 768-7784

BAHRANI, KHOSROW H. P AC
3080 TRENWEST DRIVE 62 63 74
WINSTON-SALEM 27103
U OF TEHRAN 919 768-2162

BALESTRIERI, FRANCIS JOSEPH AN AC
1825 GEORGIA AVENUE 77 80 84
WINSTON-SALEM 27104
GEORGETOWN U 919 748-2591

BALL, MARSHALL RAY DR AC
BOWMAN GRAY-RADIOLOGY 68 68 77
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4435

BARBER, TRACY EZRA OM RT
3009 LOOKOUT COURT 43 46 78
WINSTON-SALEM 27106
TEMPLE U 919 768-0555

BARNHILL, LARRY JARRETT,JR. CHP /P AC
3621 KINGSTON ROAD 75 75 80
WINSTON-SALEM 27106
BOWMAN GRAY 919 768-6930

BARRETT, ROLLAND JOHN, II GYN /ON AC
228 HEATHERTON WAY 79 80 85
WINSTON-SALEM 27103
U OF MICHIGAN 919 748-2011

BARTON, JOHN HOMER, JR. S
1608-L NORTHWEST BLVD. 87 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 721-9102

BASS, DAVID ALDEN ID /IM AC
BOWMAN GRAY, DEPT. OF IM 68 74 83
WINSTON-SALEM 27103
JOHNS HOPKINS 919 748-4246

BEASON, EDWARD STEWART PS AC
1732 S. HAWTHORNE ROAD 63 64 73
WINSTON-SALEM 27103
U OF ALABAMA 919 765-3540

BEESE, STEPHEN ARTHUR FP AC
429 S. SUNSET DRIVE 82 83 83
WINSTON-SALEM 27103
MED U OF SC 919 722-1748

BELL, WILLIAM OSGOOD NS AC
BOWMAN GRAY-NEUROSURG. 77 78 85
WINSTON-SALEM 27103
HAHNEMANN 919 748-4047

BEY, RICHARD DOUD N AC
160 CHARLOIS BOULEVARD 79 79 84
WINSTON-SALEM 27103
YALE 919 768-5834

BICKET, DAPHNE PATRICIA S
2318-C ARDMORE TERRACE 87 00 86
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-4862

BILLINGS, JACK SMITH FP AC
540 HOLMES DRIVE 58 59 62
RURAL HALL 27045
BOWMAN GRAY 919 969-9158

BISHOP, PATTE JAYNE PDS AC
300 S. HAWTHORNE RD. 76 77 86
WINSTON-SALEM 27103
U OF CA-DAVIS 919 748-4502

BITTINGER, ISABEL ORS L
118 S. CHERRY ST., 36 39 48
PO BOX 10668
WINSTON-SALEM 27108
JOHNS HOPKINS 919 725-0656

BLAKE, DAMON DALTON TR AC
BOWMAN GRAY SCH. OF MED. 50 55 58
WINSTON-SALEM 27103
COLUMBIA U 919 748-4981

BLEVINS, VIRGINIA KAY IM AC
250 CHARLOIS BLVD. 82 84 86
WINSTON-SALEM 27103
MARSHALL U 919 768-4730

BLOOMFIELD, ROBERT LEE IM AC
741 HIGHLAND AVENUE 77 79 82
WINSTON-SALEM 27101
DUKE 919 727-8165

BLOUNT, FREDERICK ALEXANDER PD L/RT
2390 COLISEUM DRIVE 43 44 49
WINSTON-SALEM 27106
U OF PENN 919 724-3072

BOGARD, ANN QUINN OTO AC
1901 S.HAWTHORNE RD.,STE. 240 74 75 80
WINSTON-SALEM 27103
M C OF WISCONSIN 919 768-1308

BOGARD, TERRENCE DALE AN AC
3431 PENNINGTON LANE 75 76 80
WINSTON-SALEM 27106
M C OF WISCONSIN 919 760-3954

BOND, VERNARD FRANKLIN, JR. IM /CD AC
2240 CLOVERDALE AVE., STE. 215 45 48 51
WINSTON-SALEM 27103
JOHNS HOPKINS 919 724-0181

BOSTIC, WILLIAM CHIVOUS, III ORS AC
1425 PLAZA DRIVE 59 59 65
WINSTON-SALEM 27103
HARVARD 919 768-1270

BOWEN, EDWYN TAYLOR, JR PD AC
3001 MAPLEWOOD AVENUE 55 61 61
WINSTON-SALEM 27103
EMORY U 919 765-9170

BOWER, STEPHEN LEE DR AC
3155 MAPLEWOOD AVENUE 79 79 80
WINSTON-SALEM 27103
WEST VA U 919 773-3874

BOYCE, WILLIAM HENRY U AC
BOWMAN GRAY SCH. OF MED. 44 52 52
WINSTON-SALEM 27103
VANDERBILT U 919 748-4131

BOYER, JAY ALLEN DR AC
250 CHARLOIS BOULEVARD 66 70 77
WINSTON-SALEM 27103
TUFTS U 919 768-4730

BOYETTE-KOURI, FRANCES S
BOWMAN GRAY, BOX 190 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-7169

BOYETTE, GRAY THOMAS IM /GE AC
2933 MAPLEWOOD AVENUE 60 60 66
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-1640

BRANCH, CHARLES LEON, JR. NS R
315 JANET ST. 81 83 86
WINSTON-SALEM 27104
U OF TEXAS-SW 919 768-7017

BRANCH, JAMES DAVID OPH AC
224 N. TRADE ST. 73 74 77
WINSTON-SALEM 27101
HOWARD U 919 723-0748

BRANHAM, HENRY EZELL, JR. P/HYP AC
1409 PLAZA WEST RD., STE. E 57 57 82
WINSTON-SALEM 27103
MED U OF SC 919 768-9393

BRANTLEY, CHARLES KENNETH P R
DOROTHEA DIX HOSPITAL 82 82 80
820 S. BOYLAN AVE.
RALEIGH 27611
BOWMAN GRAY

BRICE, ROBERT SAMUEL, JR. GE /IM AC
1901 HAWTHORNE RD., STE. 310 60 60 64
WINSTON-SALEM 27103
DUKE 919 760-4340

BRIDGER, DEWEY HERBERT, III S
2518 WEYMOUTH ROAD 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-8964

BRITTON, BLOYCE HILL, JR. OTO /OT AC
BOWMAN GRAY, DEPT. OF OTO 60 60 84
WINSTON-SALEM 27103
U OF OKLAHOMA 919 745-4161

BROADWELL, FREEMAN E., III S
240-B NEW DR., APT. C 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 727-1075

BROWN, THOMAS LAWRENCE OBG AC
145 AFTONSHIRE COURT 77 78 83
WINSTON-SALEM 27104
BOWMAN GRAY 919 765-2802

BROWN, WILLIAM RAY, JR. HNS AC
2712 BARTRAM PLACE 70 70 80
WINSTON-SALEM 27106
BOWMAN GRAY 919 765-3750

BRUNER, ROBERT KINCAID S
1732 CAMDEN ROAD 87 00 86
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-5504

BUCKALEW, VARDAMAN M., JR. NEP /IM AC
300 S. HAWTHORNE ROAD 58 58 76
WINSTON-SALEM 27103
U OF PENN 919 748-2062

BURCH, LARRY THOMAS P AC
190 CHARLOIS BOULEVARD 64 65 77
WINSTON-SALEM 27103
U OF MICHIGAN 919 768-6930

BURGESS, GLENN NORMAN P AC
190 CHARLOIS BOULEVARD 57 57 75
WINSTON-SALEM 27103
U OF W ONTARIO 919 768-6930

BURKHART, CHARLES ANDREW IM /GP AC
345 WESTVIEW DRIVE, S.W. 57 57 75
WINSTON-SALEM 27104
OHIO STATE U 919 761-1541

BUSS, DAVID HUMPHREY PTH /HEM AC
237 GRANDVIEW DRIVE 66 66 81
WINSTON-SALEM 27104
BOWMAN GRAY 919 748-2641

BUTLER, JAMES HILTON R AC
3155 MAPLEWOOD AVENUE 60 64 68
WINSTON-SALEM 27103
U OF MISSISSIPPI 919 765-2702

BUTLER, RADFORD NORMAN IM AC
2240 CLOVERDALE AVE., STE. 206 50 50 53
WINSTON-SALEM 27103
BOWMAN GRAY 919 725-7587

BUTTERWORTH, JOHN F., IV AN AC
300 S. HAWTHORNE RD. 79 79 86
WINSTON-SALEM 27103
MED COLL OF VA 919 748-2439

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

BYRD, KERRY WENDELL S
152 CHARLESTOWNE CIRCLE 89 00 86
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-3033

CALDWELL, GEORGE L., JR. S
496 WEST END BLVD. 88 00 85
WINSTON-SALEM 27101
BOWMAN GRAY 919 722-3629

CAMPBELL, CHARLES BRUCE, III OPH AC
2827 LYNDHURST AVE.,STE. 204 76 78 82
WINSTON-SALEM 27103
U OF VIRGINIA 919 768-0725

CANNON, THOMAS BERNARD FP AC
2805 LYNDHURST AVENUE 73 73 78
WINSTON-SALEM 27103
U OF NC 919 768-8890

CAPIZZI, ROBERT LAWRENCE ON /HEM AC
300 S. HAWTHORNE RD. 64 66 78
WINSTON-SALEM 27103
HAHNEMANN 919 748-4464

CARLSON, KENNETH PAUL U AC
2932 LYNDHURST AVE. 55 65 65
WINSTON-SALEM 27103
EMORY U 919 765-4021

CARLTON, WILLIAM YARBOROUGH P AC
509 WESTOVER AVE. 80 82 82
WINSTON-SALEM 27104
BOWMAN GRAY 919 722-9939

CARR, JENIFER S
1629 NORTHWEST BLVD. 89 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 773-0369

CARROLL, PAUL JOSEPH S
1900 QUEEN ST., APT. A-1 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-6911

CARTER, MARGARET F. AN AC
FORSYTH MEMORIAL HOSPITAL 75 75 80
3333 SILAS CREEK PARKWAY
WINSTON-SALEM 27103
BOWMAN GRAY 919 773-3588

CARTY, BRIAN CLIFFORD S
120-4 RAINRIDGE DR. 89 00 85
WINSTON SALEM 27104
BOWMAN GRAY 919 765-7147

CASEY, DEBORAH M. S
138 N. SUNSET DR. APT. #2 88 00 85
WINSTON-SALEM 27101
BOWMAN GRAY 919 724-4442

CASHWELL, LEON FRANKLIN, JR. OPH AC
300 S. HAWTHORNE ROAD 72 72 82
WINSTON-SALEM 27103
U OF NC 919 748-4091

CELESTINO, FRANK SAMUEL FP AC
3400 YORK ROAD 78 82 84
WINSTON-SALEM 27104
U OF ROCHESTER 919 748-2258

CHALLA, VENKATA RAMANA PTH /NA AC
200 FLINTSHIRE ROAD 69 75 79
WINSTON-SALEM 27104
S V MEDICAL COLL 919 768-0591

CHAMBERS, ROBERT TILLMAN PD AC
104 BETHESDA MEDICAL CTR. 58 58 60
WINSTON-SALEM 27103
DUKE 919 765-5242

CHAN, STEVEN PING S
BOWMAN GRAY, STUDENT BOX 91 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-1708

CHANDLER, EDGAR TED IM AC
BOWMAN GRAY, DEPT. OF MED. 55 55 58
WINSTON-SALEM 27103
U OF NC 919 748-2051

CHANDLER, HOWARD CHRISTY, JR. S
2527-D MILLER PARK CIRCLE 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-3709

CHEREN, ISA S
1811 QUEEN ST. 88 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-3782

CHICCONE, THOMAS GERARD EM AC
1711 LYNWOOD AVE. 79 80 85
WINSTON-SALEM 27104
GEORGETOWN U 919 765-9328

CHRISTENSEN, LISA KAY S
452 CORONA ST. 86 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 777-0263

CLARK, ALAN BOYD S
BOWMAN GRAY, BOX 93 88 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-4572

CLARK, MARGARET ANNE IM AC
250 CHARLOIS BOULEVARD 79 82 84
WINSTON-SALEM 27103
CASE WESTERN RES 919 768-4730

CLARK, PERRY BELTON OBG AC
2927 LYNDHURST AVENUE 65 65 74
WINSTON-SALEM 27103
U OF KENTUCKY 919 765-9350

CLARKE, THOMAS LAWRENCE OBG AC
501 N. CLEVELAND AVENUE 59 60 65
WINSTON-SALEM 27101
MEHARRY MED COLL 919 722-3874

CLEVELAND, JEFFREY ALLEN S
2000 VIRGINIA ROAD 88 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 723-8536

COGHILL, CARL HERNDON, III PD R
784 REAFORD ROAD 83 83 83
WINSTON-SALEM 27104
MED U OF SC 919 766-8518

COLE, BARRY ELIOT P/N R
SIERRA PAIN INSTITUTE 80 81 79
245 E. LIBERTY ST.
RENO, NV 89501
BOWMAN GRAY 702 786-8580

COLE, ROGER DALE S
407 CORONA ST. 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-0761

COLETTA, HARRY MARIO, II FP AC
MAIN STREET, BOX 678 77 78 81
WALNUT COVE 27052
BOWMAN GRAY 919 591-7205

COLLINS, DAVID DUTROW PUD /IM AC
2825 LYNDHURST AVE., STE. 101 75 77 84
WINSTON-SALEM 27103
DUKE 919 765-0888

COLLINS, WILLIAM STUART P AC
3969 QUILLING ROAD 60 60 68
WINSTON-SALEM 27104
DUKE 919 765-7350

CONRAD, ELIZABETH PD L/RT
1862 RUNNYMEADE RD. 43 46 46
WINSTON-SALEM 27104
JOHNS HOPKINS 919 723-1213

COOK, DAVID OWEN U R
341 SPRINGDALE AVE. 84 85 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 723-4978

COOPER, MILES ROBERT ON /HEM AC
300 S. HAWTHORNE ROAD 62 62 75
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4300

COPELAND, GARY BRENT S
300 S. HAWTHORNE RD. BOX 101 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-4537

CORDELL, A. ROBERT CDS /TS AC
BOWMAN GRAY SCH. OF MED. 47 50 57
WINSTON-SALEM 27103
JOHNS HOPKINS 919 748-4672

COWAN, ROBERT JENKINS NM /R AC
2869 FAIRMONT ROAD 63 63 70
WINSTON-SALEM 27106
U OF NC 919 748-4932

COX, JEFFREY NEAL S
191 DALEWOOD DR. APT. 8 88 00 84
WINSTON-SALEM 27104
BOWMAN GRAY 919 765-6153

COX, WILLIAM FOSCUE IM /GPM L/RT
3740 KIRKLEES ROAD 42 47 47
WINSTON-SALEM 27104
MED COLL OF VA 919 765-2626

CROUSE, JOHN ROBERT, III IM AC
BOWMAN GRAY SCH. OF MED. 69 69 82
300 S. HAWTHORNE ROAD
WINSTON-SALEM 27103
ST U OF NEW YORK 919 748-2674

CROYLE, TERRENCE ALAN OPH /EM R
110 CAPISTRANO COURT 79 80 85
WINSTON-SALEM 27103
MED COLL OF OHIO 919 760-2646

CRUTCHFIELD, ANDREW J. IM /CD AC
2240 CLOVERDALE AVE., STE. 93 42 42 50
WINSTON-SALEM 27103
U OF VIRGINIA 919 725-5669

CULLEN, PETER PATRICK IM AC
250 CHARLOIS BOULEVARD 72 73 78
WINSTON-SALEM 27103
SYRACUSE 919 768-4730

CURRIE, DONALD PATRICK U AC
1806 S. HAWTHORNE RD. 66 66 74
PO BOX 5655
WINSTON-SALEM 27103
DUKE 919 768-0735

CUTSON, TONI MICHELE FP /IM AC
8838 HOMEWOOD DRIVE 80 81 85
CLEMMONS 27012
MED COLL OF VA 919 748-2248

DAUGHERTY, MELBA DAUNE EM R
2021 ELIZABETH AVE. 84 85 85
WINSTON-SALEM 27103
U OF KENTUCKY 919 724-6976

DAVEY, ANDREW MARTIN S
1618 QUEEN ST. 86 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-9260

DAVIS, COURTLAND HARWELL,JR. NS AC
BOWMAN GRAY SCH. OF MED. 44 44 52
WINSTON-SALEM 27103
U OF VIRGINIA 919 748-4083

DAVIS, EDWARD LANGSTON IM /CD AC
2125 NEW WALKERTOWN ROAD 38 38 72
WINSTON-SALEM 27101
HOWARD U 919 723-4281

DAVIS, JEROME IRVIN GP /EM AC
ROUTE #3, BOX 253-A 73 74 73
ADVANCE 27006
BOWMAN GRAY 919 998-2605

DAVIS, JOHN DOUGLAS S
1721 QUEEN ST. 86 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 777-0316

DAVIS, JOHN PRESTON IM L/RT
329 BANBURY ROAD 34 37 38
WINSTON-SALEM 27104
U OF PENN 919 768-5390

DAVIS, OWEN KIDDER OBG /END R
BRIGHAM AND WOMENS HOSP. 82 83 79
75 FRANCIS ST.
BOSTON, MA 02115
BOWMAN GRAY 212 249-9703

DAVIS, WAYNE EDWARD U AC
1806 S. HAWTHORNE RD. 49 51 54
PO BOX 5655
WINSTON-SALEM 27103
DUKE 919 768-0735

DAVIS, WILLIAM HERSEY, JR. ADL /PD AC
301 MILLER STREET, SUITE 108 44 44 47
WINSTON-SALEM 27103
DUKE 919 723-1686

DAY, JAMES WILLIAM IM AC
2240 CLOVERDALE AVE. 75 76 82
STE. 118, PROFESSIONAL BLDG.
WINSTON-SALEM 27103
U OF TENNESSEE 919 722-7178

DE-LA-TORRE, ERNESTO ESTEBAN NS AC
3080 TRENWEST DRIVE 52 61 63
WINSTON-SALEM 27103
U OF HABANA 919 765-3750

DEFRANZO, ANTHONY JOHN PS AC
300 S. HAWTHORNE RD. 73 81 82
WINSTON-SALEM 27103
GEO WASHINGTON U 919 748-4500

DENHAM, JOHN WILLIAM IM /FP AC
3415 THORESBY CT. 66 66 77
WINSTON-SALEM 27104
BOWMAN GRAY 919 773-3783

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

DEWAN, DAVID MICHAEL AN AC
BOWMAN GRAY SCH. OF MED. 71 71 77
WINSTON-SALEM 27103
BOWMAN GRAY 919 773-3259

DOANE, JOHN HORTON, JR. IM /CD AC
250 CHARLOIS BOULEVARD 44 45 77
WINSTON-SALEM 27103
U OF PENN 919 768-4730

DONGRE, SHRIKUMAR SHRIPAD AN AC
1216 BROOK ACRES TRAIL 70 74 78
CLEMMONS 27012
U OF BOMBAY 919 768-5441

DORSETT, FLETCHER I. IM L
2020 HOLLYROOD STREET 41 43 50
WINSTON-SALEM 27107
MED COLL OF VA 919 723-5732

DOWNEY, LUCY MCMASTER BIDDLE PD R
2220 QUEENSWOOD DRIVE 84 84 84
WINSTON-SALEM 27106
WEST VA U 919 760-2151

DRESSER, LEE POTTER S
1631-C NORTHWEST BLVD. 87 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 722-3712

DUBOW, DAVID ALAN S
305 S. HAWTHORNE ROAD, APT. 6 88 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-9210

DUDLEY, JOSEPH BOYLES PTH AC
3333 SILAS CREEK PARKWAY 57 61 65
WINSTON-SALEM 27103
U OF PENN 919 773-3840

DUNCAN, THANE EDWARD S
821 S. HAWTHORNE ROAD 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4407

DYER, ROBERT KENT, JR. S
2008 SWAIM RD. #H 86 00 85
WINSTON-SALEM 27107
BOWMAN GRAY 919 723-2734

EARLY, IRA GORDON IM /CD AC
2240 CLOVERDALE AVE. STE. 192 50 50 56
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-6010

EARNHARDT, JAMES FREDERICK PD AC
3318 HEALY DRIVE 64 64 70
WINSTON-SALEM 27103
U OF NC 919 765-8490

EDMONDS, JOHN HENRY, JR. CD /IM AC
BOWMAN GRAY SCH. OF MED. 56 56 70
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4208

EDWARDS, JOEL LYNN FP AC
P. O. BOX 666 76 76 80
MOCKSVILLE 27028
BOWMAN GRAY 704 634-6128

EISENACH, JAMES CONRAD R
2323 FAIRWAY DR. 82 85 85
WINSTON-SALEM 27103
U OF CALIFORNIA 919 761-0871

ELESHA, WILLIAM GS AC
1900 S. HAWTHORNE RD.,STE. 214 45 53 53
WINSTON-SALEM 27103
AMERICA U BEIRUT 919 765-1610

ELLIS, GEORGE JOSEPH, JR. OBG AC
6034 RITTENHOUSE RD. 56 57 82
WINSTON-SALEM 27104
GEO WASHINGTON U 919 765-6172

ENGELSTAD, ANNE CARINE A. S
108 OLD OAK CIRCLE #B2 89 00 85
WINSTON-SALEM 27106
BOWMAN GRAY 919 767-8331

EPSTEIN, SUSAN ELISE S
1815 BRANTLEY ST. 89 00 86
WINSTON-SALEM 27104
BOWMAN GRAY

ERNEST, JOSEPH MACDONALD, III OBG AC
BOWMAN GRAY, DEPT. OF OBG 78 78 84
WINSTON-SALEM 27103
U OF MISSISSIPPI 919 748-4291

EVANS, BRYAN DEAN S
601 MILLER STREET 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-9141

EYERMAN, MELVIN FREDERIC PH L/RT
1244 ARBOR ROAD, 444 35 35 62
WINSTON-SALEM 27104
OHIO STATE U 919 723-7420

FAGG, JOHN ANDERSON PS AC
2901 MAPLEWOOD AVENUE 71 71 77
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-8620

FARIS, JOHN CHARLES DR /NM AC
2803 LYNDHURST AVE. 67 67 73
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-1021

FARRELL, FRANK WILSON, JR. DR AC
3155 MAPLEWOOD AVENUE 62 62 77
WINSTON-SALEM 27103
BOWMAN GRAY 919 773-3878

FAYEZ, JAMIL ABDEL-LATIF OBG /END AC
BOWMAN GRAY SCH. OF MED. 64 64 80
WINSTON-SALEM 27103
DOW MED COLLEGE 919 748-2368

FEIN, DOUGLAS A. S
501 IRVING ST. 89 00 86
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-4478

FELTS, JOHN HARVEY NEP /IM AC
BOWMAN GRAY SCH. OF MED. 49 55 55
WINSTON-SALEM 27103
MED U OF SC 919 748-4259

FERGUSON, WILLIAM CLAY GS /TS AC
2680 REYNOLDS DRIVE 60 60 69
WINSTON-SALEM 27104
U OF NC 919 765-8020

FERREE, CAROLYN RUTH BLACK TR AC
300 S. HAWTHORNE RD. 70 71 76
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4981

FINA, MICHAEL FRANCIS GE /IM AC
1901 S. HAWTHORNE RD., STE. 310 75 76 81
WINSTON-SALEM 27103
NEW YORK MED COL 919 760-4340

FINKLEA, LEE KILPATRICK PD AC
2832 WESLEYAN LANE 79 79 85
WINSTON-SALEM 27106
MED U OF SC 919 768-4730

FINN, RICHARD CONNELL OBG AC
250 CHARLOIS BOULEVARD 63 63 76
WINSTON-SALEM 27103
TULANE U 919 768-4730

FINN, WILLIAM FRANCIS, JR. R
91-C 2235 SUNDERLAND 85 85 85
WINSTON-SALEM 27103
EAST CAROLINA U 919 760-2462

FISH, KIMBERLEE EASTMAN S
1407-D SENECA ST. 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-1005

FISHER, WILLIAM SLOAN, III OTO AC
175 CHARLOIS BLVD. STE. 101 74 74 78
WINSTON-SALEM 27103
DUKE 919 768-3361

FLETCHER, ROBERT GEORGE OM /FP AC
401 N. MAIN STREET 63 63 83
WINSTON-SALEM 27102
OHIO STATE U 919 777-2024

FLORES, RODOLFO FLORES FP /IM AC
P. O. BOX 96 62 74 74
DANBURY 27016
MANILA U 919 593-8281

FLOWE, KENNETH MICHAEL S
1608-H NORTHWEST BLVD. 87 00 84
WINSTON-SALEM 27104
BOWMAN GRAY 919 761-1246

FLOYD, HERBERT MYNATT AN AC
3551 BUENA VISTA ROAD 71 72 76
WINSTON-SALEM 27106
BOWMAN GRAY 919 748-8611

FOLDS, WILLIAM FRANKLIN FP AC
5043 COUNTRY CLUB ROAD 62 62 64
WINSTON-SALEM 27104
BOWMAN GRAY 919 768-9275

FONTRIER, TOINETTE HELEN AN AC
8220 WHITE WATER DR. 78 83 85
CLEMMONS 27012
ALBANY MED COLL 919 766-4321

FORD, ROBERT VIRGIL, JR. PD AC
3175 MAPLEWOOD AVENUE 71 71 74
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-7030

FORMANEK, AUGUSTIN GUSTAV DR /PD AC
BERMUDA RUN, BOX 617 47 47 81
103 HELLERI COURT
ADVANCE 27006
KOMENSKY U 919 998-5333

FORSYTH, H. FRANCIS ORS L/RT
2865 BARTRAM ROAD 40 41 46
WINSTON-SALEM 27106
U OF MICHIGAN 919 724-1334

FOSTER, BOB MAXWELL FP AC
P. O. BOX 427 57 57 60
MOCKSVILLE 27028
BOWMAN GRAY 704 634-2108

FOUSHEE, J. HENRY SMITH, JR. PTH AC
FORSYTH MED. PARK, STE. 102 47 47 55
WINSTON-SALEM 27103
JEFFERSON 919 768-2351

FOWLER, HENRY JACKSON GP AC
P. O. BOX 38 46 47 48
WALNUT COVE 27052
BOWMAN GRAY 919 591-4306

FRANCIS, KENNETH ROBERT S
2353 SALEM COURT - D 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-3817

FRIEDFELD, STEFANIE ANN S
103 PERSHING AVE. 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-9861

FROMSON, GERALD ALAN IM AC
250 CHARLOIS BOULEVARD 77 80 81
WINSTON-SALEM 27103
U OF NC 919 768-4730

FUNDERBURK, AMON LEX IM /END AC
2750 OLD TOWN CLUB ROAD 66 66 00
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-2370

GABY, NANCY SUE P AC
622 S. SUNSET DR. 78 80 86
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4558

GADDY, JOE ELLIS, JR. CD /IM AC
2810 MAPLEWOOD AVENUE 71 71 78
WINSTON-SALEM 27104
U OF NC 919 768-0437

GAINES, IRA LEWIS S
126 SUNSET ST. 86 00 83
WINSTON-SALEM 27101
BOWMAN GRAY 919 724-6483

GALLUP, KENNETH R., JR. PUD /IM AC
2825 LYNDHURST AVE., STE. 101 73 73 78
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-0888

GARLAND, WESLEY SCOTT OM AC
R. J. REYNOLDS, MEDICAL DEPT. 55 60 61
WINSTON-SALEM 27102
BOSTON U 919 777-2027

GARRETT, JOHN BOSTIAN, SR. FP AC
2926 MAIN ST. 51 51 52
PO BOX 220
WALKERTOWN 27051
BOWMAN GRAY 919 595-2751

GELFAND, DAVID WILLIAM R AC
853 BUTTONWOOD DRIVE 62 63 76
WINSTON-SALEM 27104
YALE 919 748-2481

GIBBS, JAMES SAMUEL GE /IM AC
1830 S. HAWTHORNE ROAD 67 67 74
WINSTON-SALEM 27103
MED COLL OF VA 919 765-0463

GIBSON, FLOYD BRIAN S
1623 NORTHWEST BLVD. 86 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 724-9032

GIBSON, ROBERT WYLIE P/N AC
190 CHARLOIS BOULEVARD 68 68 74
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-6930

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

GILLIAM, JOHN HUGH, III GE /IM AC
300 S. HAWTHORNE ROAD 70 70 80
BOWMAN GRAY SCH. OF MED
WINSTON-SALEM 27103
MED COLL OF VA 919 748-4601

GIVENS, DAVIDSON HOWARD CD /IM AC
1399 WESTGATE CENTER DR. 76 76 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-4261

GLANCE, GREGORY LYNN S
19 E COVEY LANE 86 00 83
GREENSBORO 27406
BOWMAN GRAY 919 724-2417

GLASS, FREDERICK WILLIAM EM /GS AC
BOWMAN GRAY SCH. OF MED. 50 50 74
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4626

GLATZ, FRANK ROBERT, JR. OTO AC
3303 HEALY DR., STE. A 73 73 79
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-4866

GLEN, DULANEY IM AC
250 CHARLOIS BOULEVARD 67 68 80
WINSTON-SALEM 27103
COLUMBIA U 919 768-4730

GLOD, ALBERT PAUL GS /TS L/RT
152 MUIRFIELD DR. 43 44 54
WINSTON-SALEM 27104
BOWMAN GRAY 919 725-3702

GOCO, ISAIAS ISMAEL GS /CDS AC
1901 S.HAWTHORNE RD.,STE.220 56 62 63
WINSTON-SALEM 27103
U OF SANTO TOMAS 919 768-4710

GOODALE, FAIRFIELD PTH AC
726 N. STRATFORD RD. 50 50 85
WINSTON-SALEM 27104
CASE WESTERN RES 919 748-4424

GOODE, DAVID JOHN P AC
BOWMAN GRAY, DEPT. OF PSY. 66 66 78
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4142

GORDON, JOSEPH GROVER R AC
BOWMAN GRAY SCH. OF MED. 48 55 57
WINSTON-SALEM 27103
MEHARRY MED COLL 919 748-4316

GOTTLIEB, LOUIS NATHAN OPH AC
631 COLISEUM DRIVE 62 62 69
WINSTON-SALEM 27106
BOWMAN GRAY 919 723-1041

GOWER, DAVID JOHN NS R
N. C. BAPTIST HOSPITAL 81 82 84
WINSTON-SALEM 27103
U OF FLORIDA 919 748-4038

GOWER, VERLIA COLE S
918 MADISON AVENUE 88 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-8602

GRANT, WILLIS JACKSON, III P AC
250 CHARLOIS BLVD. 54 54 63
WINSTON-SALEM 27103
U OF NC 919 768-4730

GRAVLEE, GLENN PAGE AN AC
1205 CLOVER STREET 74 77 80
WINSTON-SALEM 27101
NORTHWESTERN U 919 748-4498

GREEN, HAROLD D. CD L/RT
3619 DEWSBURY ROAD 31 31 45
WINSTON-SALEM 27104
CASE WESTERN RES 919 765-5078

GREEN, ROBERT LORENZA R AC
3155 MAPLEWOOD AVENUE 59 59 66
WINSTON-SALEM 27103
U OF NC 919 773-3873

GREENE, JOSEPH SCOTT S
1323 BLOOM ROAD 86 00 85
DANVILLE, PA 17821
BOWMAN GRAY 919 724-6402

GREISS, FRANK CHRISTIAN, JR. OBG AC
BOWMAN GRAY SCH. OF MED. 53 54 60
WINSTON-SALEM 27103
U OF PENN 919 748-4039

GRIFFITH, MARY IRENE GYN L/RT
515 S. HAWTHORNE RD. 42 42 46
WINSTON-SALEM 27103
U OF TENNESSEE 919 724-7321

GRISTINA, ANTHONY GEORGE ORS AC
300 S. HAWTHORNE RD. 56 56 72
WINSTON-SALEM 27103
ALBANY MED COLL 919 748-4340

GUNN, CHARLES GROSHON, JR. OM /IM AC
SARA LEE CORPORATION 48 52 57
WINSTON HEADQUARTERS,BOX 2760
WINSTON-SALEM 27102
DUKE 919 744-3708

GUSDON, JOHN PAUL, JR. OBG AC
3240 NOTTINGHAM ROAD 59 67 68
WINSTON-SALEM 27104
U OF VIRGINIA 919 748-4039

GUY, CLIFFORD RICHARD CD /IM AC
250 CHARLOIS BOULEVARD 67 68 83
WINSTON-SALEM 27103
NJ COLL OF MED 919 768-4730

GWYN, PAUL PERKINS, JR. PS /GS AC
2901 MAPLEWOOD AVENUE 61 61 70
WINSTON-SALEM 27103
COLUMBIA U 919 765-8620

HADDAD, MICHEL GEORGE S
300 S. HAWTHORNE RD. BOX 487 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-7442

HAISTY, WESLEY KENNETH, JR. CD /IM AC
300 S. HAWTHORNE ROAD 66 67 78
WINSTON-SALEM 27103
NORTHWESTERN U 919 748-4673

HALL, JOHN HOWLAND, JR. S
300 S. HAWTHORNE RD. BOX 122 88 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-4639

HAMILTON, GEORGE EDWARD, JR. P AC
908 ARBOR ROAD 65 66 76
WINSTON-SALEM 27104
BOSTON U 919 725-7777

HAMILTON, ROBERT WILLIAM NEP /IM AC
BOWMAN GRAY SCH. OF MED. 63 65 75
WINSTON-SALEM 27103
ST U OF NY-BUFF 919 748-4304

HAMPTON, JAMES HARRIS, JR. FP AC
P. O. BOX 325 52 52 58
LEWISVILLE 27023
BOWMAN GRAY 919 945-5846

HANES, GIDEON ISAAC, JR. OBG RT
836 WELLINGTON ROAD 51 51 53
WINSTON-SALEM 27106
BOWMAN GRAY 919 723-8112

HANNA, LINDA J. GS R
100 JEFFERSON SQUARE #6D 85 00 83
VISITATION PLAZA
WATERBURY, CT 06702
BOWMAN GRAY 919 777-0094

HARBOURNE, KEVIN S. S
2504 MILLER PARK CIRCLE 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-7390

HARDIE, GREGORY STEVEN R
915 PANOLA ROAD 80 83 77
WINSTON-SALEM 27106
BOWMAN GRAY 919 768-3532

HARNED, ROBERT GLENN S
BOWMAN GRAY, BOX 358 86 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 773-0127

HARR, CHARLES DULANEY GS R
719 WESTVIEW DRIVE 83 83 83
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-2011

HARRINGTON, LEE, JR. OM /IM L/RT
2340 OLIVET CHURCH ROAD 44 49 52
WINSTON-SALEM 27106
TEMPLE U 919 924-4179

HARRIS, JIMMIE LEE GP AC
270 FORSYTH MEDICAL PARK 54 64 65
WINSTON-SALEM 27103
MED COLL OF VA 919 768-5260

HARRIS, MILTON DEAN CD /IM AC
2810 MAPLEWOOD AVENUE 68 69 76
WINSTON SALEM 27103
U OF TEXAS-SW 919 768-0437

HARRISON, LLOYD HERRITAGE U AC
300 S. HAWTHORNE RD. 62 62 73
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4131

HART, OLIVER JAMES, JR. U AC
1806 S. HAWTHORNE ROAD 59 59 64
WINSTON-SALEM 27103
U OF NC 919 768-0735

HART, OLIVER JAMES, SR. U L/RT
1930 GEORGIA AVENUE 25 30 32
WINSTON-SALEM 27104
MED U OF SC 919 722-6598

HARTNESS, ALBERT R. FP AC
P. O. BOX 427 61 61 65
MOCKSVILLE 27028
BOWMAN GRAY 704 634-2108

HASHEMI, ZIAOLLAH S
1439-L HUTTON ST. 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY

HATJIS, CHRISTOS GEORGE OBG /NPM AC
300 S. HAWTHORNE RD. 75 76 82
WINSTON-SALEM 27103
U OF PENN 919 748-4291

HAYES, JOHN TERRENCE ORS AC
301 MILLER STREET, SUITE 201 51 66 66
WINSTON-SALEM 27103
U OF MICHIGAN 919 723-2418

HEADLEY, ROBERT NELSON CD /IM AC
300 S. HAWTHORNE RD. 56 57 63
WINSTON-SALEM 27103
U OF MARYLAND 919 748-4331

HEALY, PATRICK K. IM AC
100 RIDGEVIEW DRIVE 80 81 84
MOCKSVILLE 27028
GEORGETOWN U 704 634-6133

HEBERT, STEPHEN WILLIAM P/N AC
190 CHARLOIS BLVD. 72 72 79
WINSTON-SALEM 27104
BOWMAN GRAY 919 768-6930

HEDGEPETH, JENNIFER CLARA S
113 CHARTWELL RD. 86 00 85
COLUMBIA, SC 29210
BOWMAN GRAY

HEDRICK, RICHARD ELI GS L/RT
1999 GEORGIA AVE. 43 43 47
WINSTON-SALEM 27104
MED U OF SC 919 724-5454

HEDRICK, RICHARD ELI, JR. OBG AC
2900 MAPLEWOOD AVENUE 79 80 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-3632

HELLER, KELLEY ANN S
2250 SUNDERLAND RD. APT. 19B 86 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 760-0638

HELMS, JEFFERSON BIVENS, JR. IM /CD AC
1405 PLAZA DRIVE 62 62 68
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-4131

HELSABECK, BELMONT AUGUSTUS OPH L
631 COLISEUM DRIVE 31 31 36
WINSTON-SALEM 27106
MED COLL OF VA 919 723-1041

HENNESSY, JOHN FRANCIS END /IM AC
300 S. HAWTHORNE RD. 67 67 82
WINSTON-SALEM 27103
U OF KANSAS 919 748-2076

HENRICHS, W. DEAN D/DMP AC
250 CHARLOIS BLVD. 65 66 84
WINSTON-SALEM 27103
U OF KANSAS 919 768-6221

HERMAN, JAMES MARTIN FP AC
300 S. HAWTHORNE RD. 78 79 84
WINSTON-SALEM 27103
JOHNS HOPKINS 919 748-2246

HEYMANN, ROBERT CURTIS D AC
118 FORSYTH MEDICAL PARK 60 61 65
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-1841

HIATT, JOHN DONALD, JR. DR R
1304 FENIMORE STREET 83 83 80
WINSTON-SALEM 27103
BOWMAN GRAY 919 725-6584

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

HIATT, PAUL KEVIN S
324 GRANDVIEW DR. 86 00 83
WINSTON-SALEM 27104
U OF NC 919 725-6872

HIGHTOWER, FELDA GS /TS L/RT
2445 REYNOLDS DRIVE 33 33 36
WINSTON-SALEM 27104
U OF PENN 919 727-1661

HILL, EDWARD GRAY, JR. N/EM R
498 SALT ST. 80 81 80
WINSTON-SALEM 27101
BOWMAN GRAY 919 748-2011

HINES, MICHAEL HERBERT S
2411 JEFFERSON AVENUE 86 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 777-0226

HINMAN, ALANSON PD AC
792 ROSLYN RD. 46 47 52
WINSTON-SALEM 27104
JOHNS HOPKINS 919 723-0458

HOFFMAN, MARY JACQUELINE S
537 S. HAWTHORNE RD. #12 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 761-8294

HOLLEMAN, IVAN LACY, JR. PTH AC
BOWMAN GRAY, DEPT. OF PATH. 53 53 78
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4311

HOLMES, GEORGE WASHINGTON ORS L/RT
2741 PILGRIM COURT 31 31 33
WINSTON-SALEM 27106
MED COLL OF VA 919 722-6939

HOLTHUSEN, GREGORY GRANT ORS AC
1425 PLAZA DRIVE 65 65 73
WINSTON-SALEM 27103
U OF WISCONSIN 919 768-1270

HOMER, STEPHEN HUBERT ORS AC
3111 MAPLEWOOD AVE.,STE. 104 61 67 67
WINSTON-SALEM 27103
U OF PENN 919 768-4110

HOMESLEY, HOWARD DAVID GYN /ON AC
DEPT. OF OBG, BOWMAN GRAY 67 67 75
WINSTON-SALEM 27103
U OF NC 919 748-4022

HOPKINS, LAWRENCE DAVID OBG AC
5105 RIVER CHASE RIDGE 77 78 84
WINSTON-SALEM 27104
BOWMAN GRAY 919 722-9590

HOPKINS, MARBRY BENJAMIN, III PTH AC
300 S. HAWTHORNE RD. 77 81 83
WINSTON-SALEM 27103
U OF VIRGINIA 919 748-2624

HOUGH, WILLIAM AMOS, III IM AC
410 AVALON ROAD 73 73 76
WINSTON-SALEM 27104
BOWMAN GRAY 919 768-4730

HOWE, HAROLD RAGAN, JR. CDS R
811 MUSEUM DR. 80 81 80
CHARLOTTE 28207
BOWMAN GRAY 919 761-1699

HOWELL, CHARLES MAITLAND, JR. D L
340 PERSHING AVENUE 37 37 46
WINSTON-SALEM 27103
U OF PENN 919 725-8422

HOWELL, FREDERICK LAWRENCE U AC
2932 LYNDHURST AVENUE 68 68 77
WINSTON-SALEM 27103
U OF VIRGINIA 919 765-4021

HOWELL, JULIUS PS /OTO L
1900 S. HAWTHORNE RD. #480 43 43 52
WINSTON-SALEM 27103
U OF PENN 919 760-1727

HOYLE, DAVID EMORY S
5331 YARDLEY TERRACE 89 00 86
DURHAM 27707
U OF NC 919 493-9279

HUBBARD, STEPHEN ADRIAN S
2930 CLUB PARK ROAD 88 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 760-1226

HUDSPETH, ALLEN SHERRILL CDS /TS AC
300 S. HAWTHORNE RD. 53 53 63
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4359

HUFFMAN, JOHN MITCHEL, JR. S
300 S. HAWTHORNE ROAD 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-9378

HUGHES, THOMAS PATRICK GE AC
1901 S. HAWTHORNE RD. #310 79 79 85
WINSTON-SALEM 27103
TULANE U 919 725-8326

HUNT, THOMAS HOLMES DR /NR AC
3155 MAPLEWOOD AVENUE 71 71 77
WINSTON-SALEM 27103
BOWMAN GRAY 919 773-3874

HUNTER, BILLY RAY P AC
7990-204 NORTHPOINT BLVD. 76 82 84
WINSTON-SALEM 27106
U OF NC 919 768-6930

HUNTER, DAVID MONTGOMERY S
1615 NORTHWEST BLVD. 87 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 724-9568

HURST, DANIEL JOHNSON PUD /IM AC
250 CHARLOIS BLVD. 67 69 84
WINSTON-SALEM 27103
U OF CHICAGO 919 768-4730

IBRAHIM, MOUNIR LABIB P AC
300 S. HAWTHORNE ROAD 72 80 80
WINSTON-SALEM 27103
CAIRO U 919 748-4552

IFFT, ROBIN DAWN S
731 LYNN DEE DR. 88 00 85
WINSTON-SALEM 27106
BOWMAN GRAY 919 725-3578

IRELAND, PATRICK DAVID S
315 LOCKLAND AVE. 89 00 86
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-2935

IRVING, THOMAS HERBERT AN AC
415 E. BROAD ST. 61 67 73
STATESVILLE 28677
HAHNEMANN 919 748-2599

ISRAEL, JAMES RAY P/FP AC
190 CHARLOIS BLVD. 63 63 66
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-6930

JACKSON, DAVID STONE, JR. FP AC
300 S. HAWTHORNE ROAD 73 73 80
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-2832

JACKSON, DON VERNON, JR. IM /ON AC
300 S. HAWTHORNE ROAD 72 72 80
WINSTON-SALEM 27103
U OF VIRGINIA 919 748-2088

JACOBSON, MARK DAVID S
3924 OLD VINEYARD RD., #55 88 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 760-3389

JAMES, FRANCIS MARSHALL,III AN AC
15 GRAYLYN PLACE LANE 61 62 76
WINSTON-SALEM 27106
HAHNEMANN 919 723-4690

JAMES, GEORGE W. D AC
205 S. HAWTHORNE ROAD 40 40 49
WINSTON-SALEM 27103
U OF TENNESSEE 919 722-6155

JAMES, GEORGE WHITFIELD S
1900 QUEEN ST. #C-3 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-5918

JANEWAY, RICHARD N AC
300 S. HAWTHORNE RD. 58 63 68
WINSTON-SALEM 27103
U OF PENN 919 748-4424

JARRAHI, ALI P/PH AC
2830 MAPLEWOOD AVENUE 62 62 73
WINSTON-SALEM 27103
U OF TEHRAN 919 768-2424

JENNINGS, JEROME EDWIN ORS AC
301 MILLER STREET, STE. 201 69 70 75
WINSTON-SALEM 27103
MED COLL OF GA 919 723-2419

JOBSON, VERNON WAKEFIELD GYN /ON AC
1901 S. HAWTHORNE RD. #360 73 77 80
WINSTON-SALEM 27103
U OF KANSAS 919 765-1464

JOHNSON, ATLEE ROLLINS,III S
2412 JEFFERSON AVE. 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-3171

JOHNSON, HENRY WESLEY PD AC
3175 MAPLEWOOD AVENUE 56 56 59
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-7030

JOHNSON, JAMES CLIFTON S
RD-2, BOX 771 86 00 84
DANVILLE, PA 17821
BOWMAN GRAY

JOHNSTON, FRANK RANDOLPH TS /CDS L/RT
300 S. HAWTHORNE RD. 42 50 50
WINSTON-SALEM 27103
DUKE 919 748-4338

JOLLY, BRANTLEY TILMAN, JR. S
2401 FAIRWAY DR. 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-8918

JOLLY, THOMAS LYNN FP R
1500 W. ACADEMY ST. 85 85 86
WINSTON-SALEM 27103
BOWMAN GRAY 919 727-0550

JONES, CHAMP MCMILLIAN, JR. FP AC
2805 LYNDHURST AVE. 74 78 86
WINSTON-SALEM 27103
MED U OF SC 919 768-8890

JONES, JAMES DAVID, II AN AC
321 BANBURY ROAD 57 57 83
WINSTON-SALEM 27104
U OF ALABAMA 919 773-3259

JONES, JAMES MARSHALL, JR. IM AC
1225 E. FIFTH STREET 54 55 76
WINSTON-SALEM 27101
MEHARRY MED COLL 919 725-7362

JONES, JOSEPH REID, JR. GP AC
P. O. BOX 387 51 51 52
KING 27021
BOWMAN GRAY 919 983-3113

JONES, SARA THOMPSON AN AC
321 BANBURY ROAD 62 62 84
WINSTON-SALEM 27104
BOWMAN GRAY 919 768-8987

JONES, THADDEUS LEROY PTH /HEM AC
3333 SILAS CREEK PARKWAY 67 67 74
WINSTON-SALEM 27103
U OF VIRGINIA 919 773-3840

JORIZZO, JOSEPH L. D AC
300 S. HAWTHORNE RD. 75 76 86
DEPT. OF DERMATOLOGY
WINSTON-SALEM 27103
BOSTON U 919 748-2768

JOYCE, BETTY WINFIELD S
221 LOCKLAND AVENUE 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-1325

KAHL, FREDERIC ROSS CD /IM AC
300 S. HAWTHORNE RD. 67 68 76
WINSTON-SALEM 27103
U OF CHICAGO 919 748-4261

KAPORDELIS, GREGORY CHARLES S
1902 QUEEN ST., APT. D-6 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 725-7408

KAPP, CONSTANTINE HEGE PUD L/RT
510 S. CHURCH STREET 38 38 39
WINSTON-SALEM 27101
MCGILL U 919 724-9487

KAYE, DOUGLAS EVAN S
405 CORONA ST. 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-6289

KEITH, JULIAN FAISON, JR. FP AC
BOWMAN GRAY-FAM. MED. 53 53 57
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-2251

KEITH, THEODORE ALLEN CD /IM AC
2810 MAPLEWOOD AVE. 67 67 75
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-0437

KELLEY, DANIEL JOSEPH S
448 S. HAWTHORNE ST. 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-5371

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

KELLEY, TIMOTHY FRANCIS S
448 S. HAWTHORNE RD. 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-5371

KELLY, DAVID L., JR. NS AC
BOWMAN GRAY-NEUROSURGERY 59 59 65
WINSTON-SALEM 27103
U OF NC 919 748-4049

KELLY, JEFFREY EM /AN R
406 CLIFFDALE DR. 81 82 85
WINSTON-SALEM 27104
MED COLL OF OHIO 919 768-8280

KELLY, ROBERT GEORGE FP AC
2805 LYNDHURST AVENUE 74 75 79
WINSTON-SALEM 27103
MED U OF SC 919 768-8890

KELLY, WILLIAM SHERWOOD FP AC
116 S. MAIN ST. 81 81 84
KERNERSVILLE 27284
U OF LOUISVILLE 919 993-2224

KENNEDY, CHARLIE LEE PD AC
501 N. CLEVELAND AVE. 63 64 67
WINSTON-SALEM 27101
MEHARRY MED COLL 919 725-0514

KERR, ROBERT MORTON GE /IM AC
BOWMAN GRAY, DEPT. OF MED. 61 66 70
WINSTON-SALEM 27103
CORNELL U 919 748-4602

KEYES, KENNETH SHOCKLEY OTO /HNS AC
1420 PLAZA DRIVE 66 66 75
WINSTON-SALEM 27103
U OF OREGON 919 765-4922

KILBY-SIMPSON, MARTHA ANN S
156 MUIRFIELD DR. 88 00 84
WINSTON-SALEM 27106
BOWMAN GRAY 919 768-2403

KIMBERLY, GEORGE DOUGLAS FP AC
158 HOSPITAL DR. 58 58 60
PO BOX 425
MOCKSVILLE 27028
BOWMAN GRAY 704 634-2108

KING, MICHAEL EUSTERMAN ORS AC
3111 MAPLEWOOD AVE. 77 77 83
WINSTON-SALEM 27103
U OF NC 919 768-4110

KINNEY, STEPHEN LEIGH S
300 PERSHING AVE. APT. 102 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-8220

KLEIN, ALAN DR AC
631 LICHFIELD ROAD 54 77 77
WINSTON-SALEM 27104
U-WITWATERSRAND 919 748-4316

KLEIN, ROBERT EDWARD BLB AC
650 COLISEUM DRIVE 51 51 81
WINSTON-SALEM 27106
BOWMAN GRAY 919 725-4346

KLEIN, STEVEN RUSSELL IM AC
2933 MAPLEWOOD AVENUE 74 74 79
WINSTON-SALEM 27103
TULANE U 919 765-5250

KOHUT, ROBERT IRWIN OTO /HNS AC
300 S. HAWTHORNE RD. 60 61 79
WINSTON-SALEM 27103
U OF CHICAGO 919 748-4161

KOMAN, L. ANDREW ORS /HS AC
300 S. HAWTHORNE RD. 74 74 82
WINSTON-SALEM 27103
DUKE 919 748-2878

KOOKEN, KEITH ROBERT GS AC
2915 LYNDHURST AVENUE 60 63 67
WINSTON-SALEM 27103
INDIANA U 919 765-5221

KOONTZ, ALAN AN AC
4260 ALLISTAIR ROAD 76 76 81
WINSTON-SALEM 27104
BOWMAN GRAY 919 765-2767

KOONTZ, THOMAS JEFFREY GS AC
4250 ALLISTAIR ROAD 66 66 74
WINSTON-SALEM 27104
U OF NC 919 765-5221

KORNEGAY, ALONZO DIXON ORS AC
3000 BETHESDA PL., STE. 601 74 74 80
WINSTON-SALEM 27103
MED U OF SC 919 760-0436

KOSFELD, SCOTT LEE S
401 S. SUNSET DR. 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-9025

KOUFMAN, JAMES ALAN OTO /HNS AC
BOWMAN GRAY, DIV. OTO 73 75 79
WINSTON-SALEM 27103
BOSTON U 919 748-4161

KRAMER, STEPHEN IRWIN P AC
4205 HOLLOW OAK CT. 78 79 83
WINSTON-SALEM 27104
JEFFERSON 919 768-4730

KROOVAND, ROY LAWRENCE U/PD AC
300 S. HAWTHORNE RD. 68 68 84
WINSTON-SALEM 27103
U OF CINCINNATI 919 748-4131

KULP, KENNETH ROBERT D AC
1900 S. HAWTHORNE RD. STE. 358 74 74 79
WINSTON-SALEM 27103
U OF NC 919 768-4382

LAMAY, EDWARD NORMAN S
448 HAWTHORNE RD. 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-5371

LASTER, DAN WAYNE R AC
300 S. HAWTHORNE RD. 66 66 84
WINSTON-SALEM 27103
U OF TEXAS 919 748-4435

LAWLESS, MICHAEL RHODES PD AC
DEPT. OF PEDIATRICS 68 68 78
BOWMAN GRAY SCH. OF MED.
WINSTON-SALEM 27103
U OF TEXAS 919 727-8108

LEBLANC, HOBSON EDMOND, JR. FP R
4055 SOUTH, 650 WEST 83 83 82
RIVERDALE, UT 84405
BOWMAN GRAY

LEE, K. STUART NS R
325 JANET ST. 81 83 78
WINSTON-SALEM 27104
EAST CAROLINA U 919 748-2011

LEINBACH, LAURENCE B. DR AC
BOWMAN GRAY SCH. OF MED. 52 52 58
WINSTON-SALEM 27103
HARVARD 919 748-3416

LEMLY-MUNDY, REGINA GAIL IM R
752 PINE LAKE DR. 83 83 80
VIRGINIA BEACH, VA 23462
BOWMAN GRAY 804 486-6084

LENDLE, DONALD LAWRENCE FP AC
147 COLUMBINE DR. 74 75 82
WINSTON-SALEM 27106
U OF CALIFORNIA 919 722-9535

LEONARD, RALPH BEAUMONT EM AC
300 S. HAWTHORNE ROAD 77 78 81
WINSTON-SALEM 27103
MED U OF SC 919 748-4626

LETTIERI, SALVATORE CARMINE S
416 LOCKLAND AVE. 88 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-1839

LEVINE, JONATHAN LEWIS OBG AC
406 FORSYTH MEDICAL PARK 81 83 85
WINSTON-SALEM 27103
U OF CONNECTICUT 919 765-4533

LEWIS, ARCH RITCHIE IM /PUD AC
3110 ST. REGIS RD. 65 65 72
GREENSBORO 27408
BOWMAN GRAY 919 379-6961

LEWIS, JOHN MERIWETHER AN AC
DEPT. OF ANESTHESIA 76 82 86
BOWMAN GRAY MED. SCH.
WINSTON-SALEM 27103
U OF VIRGINIA

LIDE, THOMAS NORWOOD PTH L/RT
10 SOVEREIGN DRIVE 38 47 47
HILTON HEAD ISLAND, SC 29928
DUKE 803 681-6815

LIEBSCHER, GREGORY JOHN S
1605 NORTH WEST BLVD. 87 00 86
WINSTON-SALEM 27104
BOWMAN GRAY 919 777-1279

LIMPERT, GEORGE HENRY FP R
1124 FENIMORE ST. 85 85 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-4806

LINK, ARTHUR STANLEY, JR. ID /IM AC
1401-B OLD MILL CIRCLE 72 74 79
WINSTON-SALEM 27103
COLUMBIA U 919 765-8420

LINK, KERRY MICHAEL R
300 S. HAWTHORNE RD.,BOX 265 82 83 85
WINSTON-SALEM 27103
U OF ROCHESTER 919 724-4498

LINTON, EUGENE BELL OBG AC
112 BENT ST., BOX 742 51 52 62
BERMUDA RUN 27006
MED COLL OF VA 919 765-9350

LIPSON, ERIC JAMES S
1608-F NORTHWEST BLVD. 88 00 84
WINSTON-SALEM 27104
BOWMAN GRAY 919 724-9034

LITTLE, FRANK BALLARD, JR. OTO R
521 WALTER COURT 81 81 81
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-2011

LITTLE, HARRY FP AC
158 HOSPITAL ST. 80 80 77
PO BOX 425
MOCKSVILLE 27028
BOWMAN GRAY 704 634-2108

LITTLEJOHN, THOMAS WILLARD,III FP AC
2805 LYNDHURST AVENUE 73 73 77
WINSTON-SALEM 27103
U OF NC 919 768-8890

LONG, JOHN CLAYTON D AC
1401-C OLD MILL CIRCLE 73 73 77
WINSTON-SALEM 27103
U OF NC 919 765-8121

LOWE, STEPHEN BECHTLER ORS AC
1425 PLAZA DR. 76 76 77
WINSTON-SALEM 27103
U OF NC 919 929-8872

LYLES, MARY FENNELL IM /GER AC
300 S. HAWTHORNE ROAD 75 75 80
WINSTON-SALEM 27103
U OF MISSISSIPPI 919 727-8161

MACK, RONALD BRIAN PD AC
2516 WOODBERRY DRIVE 54 55 82
WINSTON-SALEM 27106
LOYOLA U 919 727-8108

MACLEAN, DAVID BURTON END AC
786 ROSLYN ROAD 73 79 82
WINSTON-SALEM 27104
U OF CALGARY 919 748-2076

MALLOY, H. REMBERT GS L/RT
2020 NEW WALKERTOWN ROAD 39 44 63
WINSTON-SALEM 27101
HOWARD U 919 723-3729

MANDELL, GORDON LEE AN AC
1321 ABINGDON WAY 81 84 86
WINSTON-SALEM 27106
U OF MARYLAND 919 773-3259

MARION, JEREMIAH RICHARD, III OPH AC
BOWMAN GRAY, DEPT. OF OPH 73 75 83
WINSTON-SALEM 27103
DUKE 919 748-4091

MARSHALL, RICHARD BLAIR PTH AC
236 STANAFORD ROAD 55 57 80
WINSTON-SALEM 27104
BOSTON U 919 748-2626

MARTIN, JAMES FRANKLIN R L
2680-3 GROSVENOR PLACE 42 50 51
WINSTON-SALEM 27106
CASE WESTERN RES 919 748-4505

MARX, RICHARD SAMUEL ID /IM AC
1401-B OLD MILL CIRCLE 74 74 80
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-8420

MATTHEWS, BRIAN LEWIS OTO AC
DEPT. OF OTOLARYNGOLOGY 80 82 86
N. C. BAPTIST HOSPITAL
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4161

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

MATTHEWS, COY RANDOLPH S
120 EDEN TERRACE #1 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-9781

MATTOX, HUITT EVERETT, III IM R
361 MILLER STREET 84 85 83
WINSTON-SALEM 27103
EAST CAROLINA U 919 725-3227

MATTOX, JAMES DWIGHT, JR. P AC
1546 OVERBROOK AVENUE 69 69 76
WINSTON-SALEM 27104
BOWMAN GRAY 919 768-6930

MAXWELL, MICHAEL C. S
418 LOCKLAND AVENUE 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-8294

MAY, WILLIAM JOSEPH GYN /OBG AC
300 S. HAWTHORNE ROAD 44 44 49
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4595

MAYNARD, CHARLES DOUGLAS NM AC
BOWMAN GRAY, DEPT. OF RAD. 59 59 63
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4575

MCBRIDE, ALLEN JOSEPH FP /GER AC
300 S. HAWTHORNE ROAD 78 79 83
WINSTON-SALEM 27103
MED COLL OF VA 919 748-2234

MCCABE, JAMES MICHAEL N/P AC
1606 ACADEMY STREET 75 81 81
WINSTON-SALEM 27103
MED COLL OF VA 919 721-9130

MCCAIN, KENNETH FRANKLIN A AC
223 HARPER STREET 60 60 65
WINSTON-SALEM 27104
U OF NC 919 765-3756

MCCALL, CHARLES EMORY IM /ID AC
300 S. HAWTHORNE RD. 61 61 78
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4584

MCCALL, WILLIAM, JR. A/IM AC
1405 PLAZA DRIVE 49 52 55
WINSTON-SALEM 27103
DUKE 919 765-4131

MCCAULEY, ROGER LEE P AC
190 CHARLOIS BOULEVARD 70 70 76
WINSTON-SALEM 27103
WEST VA U 919 768-6930

MCCLOUD, WILLARD LAVERNE GYN /GP AC
620 DUNLEITH AVENUE, N. E. 48 48 76
WINSTON-SALEM 27101
MEHARRY MED COLL 919 725-0827

MCCONVILLE, JOSEPH FRANCIS AN R
2291 BRECKNOCK DR. 78 83 86
WINSTON-SALEM 27103
CREIGHTON U 919 765-2259

MCCOOL, JAMES ALVIS PTH AC
3333 SILAS CREEK PARKWAY 64 64 79
WINSTON-SALEM 27103
BOWMAN GRAY 919 773-3840

MCCUE, JACK DEAN IM /ID AC
BOWMAN GRAY, DEPT. OF MED. 69 70 82
WINSTON-SALEM 27103
CASE WESTERN RES 919 748-4678

MCCULLOUGH, DAVID LEGARDE U AC
BOWMAN GRAY, DEPT. OF URO. 64 64 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4131

MCCUNNIFF, DENNIS EDWARD OBG AC
1025 WESSYNGTON ROAD 81 83 86
WINSTON-SALEM 27104
MED COLL OF GA 919 768-6221

MCCUTCHEN, LISA STAR P R
300 S. HAWTHORNE ROAD 82 83 82
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-3605

MCDERMOTT, ROBERT WILLIAM P AC
766 HERTFORD ROAD 70 71 85
WINSTON-SALEM 27104
YALE 919 768-3942

MCGUIRT, WILLIAM FREDERICK OTO /ON AC
300 S. HAWTHORNE RD. 68 68 77
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4161

MCINNIS, TERRY ALICE S
713 CHOCKECHERRY CT. 87 00 84
LEWISVILLE 27023
BOWMAN GRAY 919 945-4684

MCIVOR, ANDREW CRAIG S
646 BRENT ST. 88 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 725-8200

MCKINLEY, PHILIP HOWARD OPH AC
3111 MAPLEWOOD AVENUE 72 76 82
WINSTON-SALEM 27103
TULANE U 919 768-3240

MCKINNEY, WILLIAM MARKLEY N/NM AC
BOWMAN GRAY-NEUROLOGY 59 59 70
WINSTON-SALEM 27103
U OF VIRGINIA 919 748-4494

MCLAUGHLIN, JAMES CHARLES OBG AC
250 CHARLOIS BOULEVARD 51 52 77
WINSTON-SALEM 27103
JEFFERSON 919 768-4730

MCLEAN, ROSS LEWIS IM /PUD AC
BOWMAN GRAY, DEPT. OF MED. 43 43 72
WINSTON-SALEM 27103
JOHNS HOPKINS 919 748-4325

MCLEAN, WILLIAM THADDEUS, JR. N/PD AC
300 S. HAWTHORNE RD. 51 51 67
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-2316

MCNEIL, QUINCY ALBERT, JR. OBG AC
2909 MAPLEWOOD AVENUE 69 69 77
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-2802

MCWHORTER, JOE MAURICE NS AC
300 S. HAWTHORNE RD. 68 68 77
WINSTON-SALEM 27103
U OF MISSISSIPPI 919 748-4020

MEADS, MANSON IM L/RT
300 S. HAWTHORNE RD. 43 47 47
WINSTON-SALEM 27103
TEMPLE U 919 748-4301

MEANS, ROBERT LEE GS AC
PO BOX 5082, ARDMORE STATION 47 48 55
WINSTON-SALEM 27103
BOWMAN GRAY 919 725-1602

MEARS, GREGORY DON R
905 CAMDEN CT. 85 00 85
WINSTON-SALEM 27103
MISSOURI U-KC 919 723-7160

MEIS, PAUL JEAN OBG /NPM AC
BOWMAN GRAY,DEPT. OF OBG 59 60 78
WINSTON-SALEM 27103
U OF IOWA 919 748-4039

MEREDITH, JAY WAYNE TRS /TS R
363 SPRINGDALE AVENUE 78 79 81
WINSTON-SALEM 27104
BOWMAN GRAY 919 748-2011

MEREDITH, JESSE HEDGEPETH GS /TS AC
BOWMAN GRAY-SURGERY 51 61 64
WINSTON-SALEM 27103
CASE WESTERN RES 919 748-4278

MEYER, DAVID DAVIS AC
1800 S. HAWTHORNE ROAD 69 69 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-1860

MEYERS, JAMES HOWARD PTH AC
2540 EMPIRE DR. 72 77 82
WINSTON-SALEM 27103
WASHINGTON U 919 722-9410

MICHELS, RONALD CHARLES IM /END AC
250 CHARLOIS BLVD. 72 72 86
WINSTON-SALEM 27103
WEST VA U 919 768-4730

MILLER, EMERY CLYDE, JR. END /IM AC
300 S. HAWTHORNE RD. 49 53 55
WINSTON-SALEM 27103
JOHNS HOPKINS 919 748-4274

MILLER, HENRY SHELTON, JR. CD /IM AC
300 S. HAWTHORNE RD. 54 54 73
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4467

MILLS, MICHAEL KENNETH OBG R
3402 DONEGAL DR. 82 82 80
CLEMMONS 27012
BOWMAN GRAY 919 722-6891

MILLS, STEPHEN ALAN CDS /TS AC
3320 PADDINGTON LANE 71 71 81
WINSTON-SALEM 27106
MCGILL U 919 748-4488

MILNER, THOMAS HAMILTON, III DR AC
3155 MAPLEWOOD AVENUE 68 69 75
WINSTON-SALEM 27104
MED COLL OF GA 919 773-3877

MIMS, GROVER RAY, III AN AC
2580 COUNTRY CLUB ROAD 66 66 77
WINSTON-SALEM 27104
BOWMAN GRAY 919 748-4791

MINICK, JAMES ELDER GP AC
5029 COUNTRY CLUB ROAD 51 52 82
WINSTON-SALEM 27104
TEMPLE U 919 768-9515

MINICK, RUSSELL CLARK FP AC
5029 COUNTRY CLUB ROAD 46 46 72
WINSTON-SALEM 27104
TEMPLE U 919 768-9515

MIRAGLIA, CHARLES CARMEN S
1057 S. HAWTHORNE RD. 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-2299

MISHKIND, STEVEN HART S
2500-C MILLER PARK CIRCLE 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-0477

MONROE, JOHN HOWARD OBG AC
2909 MAPLEWOOD AVENUE 47 47 57
WINSTON-SALEM 27103
HARVARD 919 765-2802

MONTGOMERY, WILLIAM G. U AC
2932 LYNDHURST AVE. 52 52 56
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-4021

MOODY, DIXON MCGUIRE DR AC
BOWMAN GRAY-RADIOLOGY 63 63 74
WINSTON-SALEM 27103
U OF TEXAS-SW 919 748-4435

MOREHEAD, ROBERT PAGE PTH L
1051 ARBOR ROAD 36 36 38
WINSTON-SALEM 27104
JEFFERSON 919 722-2879

MOUNTJOY, JOHN ROBERT OTO AC
1420 PLAZA DRIVE 66 67 75
WINSTON-SALEM 27103
GEO WASHINGTON U 919 765-4922

MURPHY, BARBARA ANN S
1759 HAWTHORNE ROAD 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-5938

MURPHY, WENDY ELAINE S
2419 CHEROKEE LANE 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 922-3042

MURRAY, NIAL PATRICK AN AC
780 YORKSHIRE ROAD 54 54 83
WINSTON-SALEM 27106
NAT U OF IRELAND 919 773-3259

MUSS, HYMAN BERNARD ON /HEM AC
BOWMAN GRAY, DEPT. OF MED. 68 70 75
WINSTON-SALEM 27103
ST U OF NEW YORK 919 748-4397

MYERS, ALEXANDER GORDON S
BOWMAN GRAY, BOX 440 86 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 722-4609

MYERS, RICHARD THOMAS GS /TS AC
300 S. HAWTHORNE RD. 43 43 50
WINSTON-SALEM 27103
U OF PENN 919 748-4541

MYRACLE, JOHN HOBART PD /PDC AC
250 CHARLOIS BOULEVARD 74 75 79
WINSTON-SALEM 27103
U OF OKLAHOMA 919 768-4730

MYRICK, WILLIAM GLENN IM AC
FORSYTH MEDICAL PK, STE. 714 62 62 66
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-3088

NANZETTA, LEONARD AN L/RT
2756 WINDSOR ROAD 42 46 46
WINSTON-SALEM 27104
U OF MICHIGAN 919 768-7572

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

NAPPER, CLAY HUGHES IM AC
301 MILLER ST., STE. 209 56 56 62
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-0789

NELSON, DAVID STEPHEN EM /GS AC
248 FLINTSHIRE ROAD 61 61 73
WINSTON-SALEM 27104
BOWMAN GRAY 919 765-3950

NELSON, LEWIS HENRY, III OBG /GYN AC
BOWMAN GRAY, DEPT. OF OBG 70 70 79
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4291

NEWSOME, ALBERT RAY CD AC
1405 PLAZA DRIVE 61 61 67
WINSTON-SALEM 27103
U OF NC 919 765-4131

NEWSOME, SAMUEL CARL FP AC
P. O. BOX 1129 75 75 73
KING 27021
BOWMAN GRAY 919 983-4346

NICASTRO, JOSEPH FRANCIS ORS AC
4159 GREENMEAD ROAD 69 73 77
WINSTON-SALEM 27106
M C OF WISCONSIN 919 748-3947

NICHOLS, HILLARY ANNE S
1900 QUEEN ST., APT. C-8 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-5040

NIFONG, FRANK MILLER FP L
P. O. BOX 988 43 43 48
CLEMMONS 27012
JEFFERSON 919 766-6811

NOLAN, ROBERT EARL GS /VS AC
1901 S. HAWTHORNE, STE. 210 55 60 60
WINSTON-SALEM 27103
CASE WESTERN RES 919 765-5101

NOMEIR, ABDEL-MOHSEN CD /IM AC
3219 PENSBY ROAD 52 72 78
WINSTON-SALEM 27106
ALEXANDRIA U 919 748-4581

NORFLEET, CHARLES MILLNER, JR. U L/RT
1244 ARBOR ROAD, #199 37 37 41
WINSTON-SALEM 27104
U OF PENN 919 722-1464

O'CONNOR, MICHAEL LEE PTH AC
BOWMAN GRAY, DEPT. OF PATH. 64 65 76
WINSTON-SALEM 27103
U OF KANSAS 919 748-4311

O'NEAL, RUTH PD L
BOWMAN GRAY, DEPT. OF PED. 43 45 48
WINSTON-SALEM 27103
MED COLL OF VA 919 727-8105

O'NEILL, WILLIAM WADE PUD /IM AC
2825 LYNDHURST AVE., STE. 101 69 72 80
WINSTON-SALEM 27103
U OF OKLAHOMA 919 765-0383

OBER, KARL PATRICK END /IM AC
300 S. HAWTHORNE RD. 74 76 82
WINSTON-SALEM 27103
U OF FLORIDA 919 748-2076

OGBURN, LUNDIE CALVIN GYN L
312 FORSYTH MEDICAL PARK 28 28 36
WINSTON-SALEM 27103
JEFFERSON 919 765-9150

OLKOWSKI, STEVEN THOMAS OPH R
1160 EDENWOOD DRIVE 81 84 84
WINSTON-SALEM 27103
GEORGETOWN U 919 760-2157

OLSEN, JEFFREY DOVE S
2451 BOONE AVE. 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 725-9812

OLYMPIO, MICHAEL ALLEN AN R
526 OSBORNE RD. 82 84 85
WINSTON-SALEM 27103
U OF FLORIDA 919 768-5217

ORBOCK, JACOB ALEXANDER IM /CD AC
250 CHARLOIS BOULEVARD 62 65 79
WINSTON-SALEM 27103
JEFFERSON 919 768-4730

OTT, DAVID JAMES DR AC
4761 GREY FOX COURT 71 72 78
WINSTON-SALEM 27104
U OF MICHIGAN 919 765-7633

OWEN, WILLIAM CONALLY S
1430 CHELSEA STREET 86 00 83
WINSTON-SALEM 27103
BOWMAN GRAY 919 777-0212

OXENDINE, DARLENE S
2 OTRANTO CLUB CIRCLE 86 00 84
CHARLESTON, SC 29418
BOWMAN GRAY

PARKER, PETER EMENS GS AC
2933 MAPLEWOOD AVENUE 60 60 71
WINSTON-SALEM 27103
OHIO STATE U 919 765-0155

PARRIS, ALVA EDWARD FP /OM AC
2240 CLOVERDALE AVE., #219 53 53 54
WINSTON-SALEM 27103
BOWMAN GRAY 919 725-5881

PARSLEY, BETSY ALLEN PD AC
3420 THORESBY COURT 69 69 73
WINSTON-SALEM 27104
BOWMAN GRAY 919 768-6830

PASCHOLD, EUGENE H. ON /IM AC
3314 HEALY DR. STE. 107 78 79 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-2521

PATTERSON, RICHARD BRUCE PHO /PD AC
300 S. HAWTHORNE RD. 55 55 61
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4085

PAUCA, ALFREDO LAZO AN AC
2874 ROBIN HOOD ROAD 58 58 77
WINSTON-SALEM 27106
SAN MARCOS U 919 722-7079

PEACOCK, JAMES EDWARD, JR. ID /IM AC
300 S. HAWTHORNE RD. 75 76 83
WINSTON-SALEM 27103
U OF NC 919 748-4507

PEARCE, LARRY ALLEN N AC
300 S. HAWTHORNE RD. 61 61 72
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4101

PEARSON, WILLIAM SEYMOUR P AC
BOWMAN GRAY SCH. OF MED. 60 60 66
300 S. HAWTHORNE RD
WINSTON-SALEM 27103
U OF NC 919 748-4553

PEGRAM, PAUL SAMUEL, JR ID /IM AC
2332 ELIZABETH AVENUE 70 70 80
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4246

PENCE, CARLA RAFFETY IM R
1900 QUEEN ST. A-4 85 00 83
WINSTON-SALEM 27103
BOWMAN GRAY 919 725-7499

PENKAR, SURESH JAGANNATH AN AC
3333 SILAS CREEK PARKWAY 70 71 76
WINSTON-SALEM 27103
U OF BOMBAY 919 773-3180

PENNELL, TIMOTHY CLINARD GS /TS AC
BOWMAN GRAY-SURGERY 60 60 72
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4671

PEPPER, FRANCIS DEWITT, JR. R/NM AC
3155 MAPLEWOOD AVENUE 56 56 64
WINSTON-SALEM 27103
U OF NC 919 765-2702

PERRY, DAVID RUSSELL, JR. PD AC
3175 MAPLEWOOD AVENUE 46 47 53
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-7030

PERRY, IRVIN SAMUEL PUD /IM AC
2825 LYNDHURST AVENUE 55 55 76
WINSTON-SALEM 27103
MED COLL OF VA 919 765-0383

PERRY, SAMUEL JOSEPH S
1723 VIRGINIA RD. 1/2 88 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 724-7601

PETRILLI, ROBERT EM AC
5465 STYERS FERRY RD. 82 83 84
CLEMMONS 27012
U OF SOU FLORIDA 919 766-0479

PETROZZA, PATRICIA HARPER AN AC
300 S. HAWTHORNE RD. 78 80 84
WINSTON-SALEM 27103
JEFFERSON 919 748-4498

PHAN, THAI TIEN P R
2300 CRESTVIEW WAY 72 82 83
WINSTON-SALEM 27103
U OF HUE 919 768-2838

PHILIPP, ROY JACOB IM AC
250 CHARLOIS BOULEVARD 45 46 79
WINSTON-SALEM 27103
U OF ROCHESTER 919 768-4730

PHILLIPPI, PAUL JASPER IM AC
261 STAFFORDSHIRE ROAD 56 57 78
WINSTON-SALEM 27104
U OF TENNESSEE 919 768-9401

PHILLIPS, ERNEST PAUL, JR. CD AC
1405 PLAZA DRIVE 78 79 85
WINSTON-SALEM 27103
U OF FLORIDA 919 765-4131

PHILLIPS, WESLEY FLETCHER FP AC
P. O. BOX 727 62 62 67
KERNERSVILLE 27284
BOWMAN GRAY 919 993-8181

PHIPPS, CARL SPENCER END /IM AC
3333 SILAS CREEK PARKWAY 62 62 66
WINSTON-SALEM 27103
U OF NC 919 765-1640

PIKULA, LOUIS, JR. NS AC
3080 TRENWEST DRIVE 61 61 70
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-3750

PINKUS, BARRY OSCAR AN AC
925 MARGUERITE DR. 82 85 86
WINSTON-SALEM 27106
U OF ALABAMA 919 768-5441

PITSER, WILLIAM ROSS OTO AC
1420 PLAZA DRIVE 62 62 70
WINSTON SALEM N C2 7103
U OF NC 919 765-4922

PITTAWAY, DONALD EDWARD OBG AC
578 MAIDSTONE LANE 77 77 84
CLEMMONS 27012
LSU-SHREVEPORT 919 748-2368

PLONK, GEORGE WEBB, JR. GS /VS AC
BOWMAN GRAY-SURGERY 73 74 81
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4449

PODGORNY, GEORGE EM /GS AC
2115 GEORGIA AVENUE 62 69 73
WINSTON-SALEM 27104
BOWMAN GRAY 919 727-1161

POEHLING, GARY GEORGE ORS /HS AC
BOWMAN GRAY, DEPT. OF ORS 68 76 77
WINSTON-SALEM 27103
M C OF WISCONSIN 919 748-3948

POLLAK, MICHAEL JOSEPH OBG AC
302 FORSYTH MEDICAL PARK 68 68 74
WINSTON-SALEM 27103
MED COLL OF VA

POLLARD, HAROLD CALLOWAY,III OBG AC
2927 LYNDHURST AVE. 73 73 79
WINSTON-SALEM 27103
U OF NC 919 765-9350

POLLOCK, FRANK EDWARD ORS AC
1425 PLAZA DRIVE 54 57 60
WINSTON-SALEM 27103
OHIO STATE U 919 768-1270

POOL, ROBERT SMITHWICK PTH /CLP AC
FORSYTH MEMORIAL HOSPITAL 55 55 67
WINSTON-SALEM 27103
BOWMAN GRAY 919 773-3840

POPE, JAMES ELLIS CD AC
300 S. HAWTHORNE ROAD 78 79 84
WINSTON-SALEM 27103
EASTERN VA 919 748-4326

PORCHEY, CARL JOSEPH, JR. IM AC
3630 WINDING CREEK WAY 72 74 76
WINSTON-SALEM 27106
WASHINGTON U 919 768-4730

POWELL, BAYARD LOWERY ON /HEM R
300 S. HAWTHORNE RD. 80 80 78
WINSTON-SALEM 27103
U OF NC 919 748-4337

PRICHARD, ROBERT WILLIAMS PTH AC
300 S. HAWTHORNE RD. 47 51 51
WINSTON-SALEM 27103
GEO WASHINGTON U 919 748-2649

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

PROCTOR, RICHARD CULPEPPER P RT
381 WESTVIEW DR., S.W. 45 47 48
WINSTON-SALEM 27104
BOWMAN GRAY 919 723-6020

PRUETT, DENNIS DERWOOD EM AC
1611 W. FIRST STREET 56 57 78
WINSTON-SALEM 27104
BOWMAN GRAY 919 721-1075

PULLIAM, THOMAS JACKSON IM R
2811 FOXWOOD LANE 84 85 81
WINSTON-SALEM 27103
BOWMAN GRAY 919 760-4557

RABEN, MILTON TR AC
N. C. BAPTIST HOSPITAL 59 59 71
WINSTON-SALEM 27103
TUFTS U 919 748-4981

RABIL, WILLIAM EDMOND GS /GYN AC
2240 CLOVERDALE AVE., #218 46 46 52
WINSTON-SALEM 27103
U OF VIRGINIA 919 722-3691

RACKLEY, JAMES WAYNE PD /HEM AC
250 CHARLOIS BLVD. 55 55 77
WINSTON-SALEM 27103
U OF TENNESSEE 919 768-4730

RAMSEY, FREDERIC MARSH AN AC
238 HALCYON AVENUE 73 76 81
WINSTON-SALEM 27104
U OF PENN 919 725-9391

RANDOLPH, ANGUS CRAWFORD P/N L
300 S. HAWTHORNE RD. 40 48 48
WINSTON-SALEM 27103
U OF VIRGINIA 919 748-4635

RATHMELL, JAMES PHILLIP S
2080 CRAIG STREET 88 00
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-7041

RAU, BRUCE WILLIAM P AC
190 CHARLOIS BLVD. 72 74 79
WINSTON-SALEM 27103
U OF MISSOURI 919 768-6930

RAYMAN, LEA HARDING S
1840 ELIZABETH AVE. 86 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 777-0164

RECORD, S. LEO, JR. FP AC
P. O. BOX 627 64 65 66
KERNERSVILLE 27284
BOWMAN GRAY 919 993-8181

REED, JOHN WILLIAM OPH AC
BOWMAN GRAY, DEPT. OF OPH 62 62 71
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4091

REID, CHARLES FREDRIC U AC
1806 S. HAWTHORNE RD. 74 75 79
PO BOX 5655
WINSTON-SALEM 27103
U OF NC 919 768-0735

REID, CHARLES HAMILTON,JR. IM L/RT
215 PLYMOUTH AVE. 42 45 45
WINSTON-SALEM 27104
DUKE 919 768-0994

REID, CYNTHIA LEE PTH R
505 BROOKSIDE COURT 85 85 85
KERNERSVILLE 27284
MED COLL OF OHIO 919 996-1036

REYNOLDS, JOYCE HINSON EM AC
9550 FREEMAN ROAD 52 52 55
KERNERSVILLE 27284
BOWMAN GRAY 919 996-2173

RHOADES, VADE G. D AC
2240 CLOVERDALE AVE., #98 60 60 68
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-1834

RICE, WILLIAM YATES, III S
706 FRIAR TUCK ROAD 89 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 768-7293

RICHARDS, FREDERICK, II ON /HEM AC
300 S. HAWTHORNE RD. 64 64 74
WINSTON-SALEM 27103
MED U OF SC 919 748-4337

RICHTER, JOEL EDWARDS GE /IM AC
300 S. HAWTHORNE RD. 75 75 83
WINSTON-SALEM 27103
U OF TEXAS-SW 919 748-2810

RIEKER, ROBERT PAUL AN /PDC AC
510 HEARTHSIDE DR. 66 67 85
WINSTON-SALEM 27104
TUFTS U

RIELA, ANTHONY RICHARD CHN /N AC
4300 MILL CREEK ROAD 79 81 85
WINSTON-SALEM 27106
NJ COLL OF MED 919 722-7099

RIESER, GEOFFREY DAVIS R
2833 BIRCHWOOD DR. 85 85 85
WINSTON-SALEM 27103
MED U OF SC 919 760-3090

RIGGAN, JASPER SIMMONS, III S
300 S. HAWTHORNE RD. 89 00 86
STUDENT BOX 537
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-7889

ROARK, GARY LEE S
1106 MELROSE ST. 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 761-1590

ROBBINS, GROVER JAY EM /FP AC
3333 SILAS CREEK PARKWAY 55 55 56
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-7464

ROBERTS, EUGENE LEONARD, JR. FP AC
2345 WESTFIELD AVE. 78 78 84
WINSTON-SALEM 27103
U OF MISSISSIPPI 919 748-2248

ROBERTS, JESSE EARLE RHU /IM AC
1425 PLAZA DRIVE 61 61 73
WINSTON-SALEM 27103
LA STATE U 919 768-5221

ROBIE, PETER WILLIAM IM AC
3606 KINGSTON ROAD 76 76 81
WINSTON-SALEM 27106
BAYLOR 919 748-2085

ROBINSON, JAMES ELBERT ORS AC
FORSYTH MEDICAL PARK, STE. 504 53 58 58
WINSTON-SALEM 27103
NORTHWESTERN U 919 768-9500

ROCAMORA, LEE RUSSELL IM /GE AC
2240 CLOVERDALE AVE., STE. 215 77 77 82
WINSTON-SALEM 27103
U OF NC 919 725-3591

ROGERS, JACK MARRELL P/N AC
BOWMAN GRAY, DEPT. OF PSY. 58 58 64
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-3617

ROGERS, JAMES MICHAEL PD AC
3318 HEALY DRIVE 71 71 78
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-8490

ROMM, FREDRIC JAY FP /GPM AC
BOWMAN GRAY-FAM.MED. 70 71 84
WINSTON-SALEM 27103
HARVARD 919 748-2229

ROSE, RICHARD PHILLIP ORS AC
FORSYTH MEDICAL PARK, STE. 504 64 64 75
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-9500

ROSEN, ROBERT DEAN FP /EM AC
147 COLUMBINE DRIVE 79 80 83
WINSTON-SALEM 27106
U OF PITTSBURGH 919 722-9535

ROSS, ROBERT MITCHELL AI AC
1365 WESTGATE CTR. DR.#G-1 74 77 81
WINSTON-SALEM 27103
HAHNEMANN 919 768-0914

ROUFAIL, WALTER MICHEL GE /IM AC
1901 S. HAWTHORNE RD., STE. 310 57 66 66
WINSTON-SALEM 27103
CAIRO U 919 760-4340

ROVERE, GEORGE DAVITTO ORS AC
300 S. HAWTHORNE ROAD 58 59 73
WINSTON-SALEM 27103
SYRACUSE 919 748-3946

ROY, RAYMOND CLYDE AN AC
454 WESTOVER AVENUE 74 75 83
WINSTON-SALEM 27104
TULANE U 919 748-4498

RUFTY, ALFRED JACKSON, JR. CD /IM AC
BOWMAN GRAY, DEPT. OF MED. 61 61 73
WINSTON-SALEM 27103
LA STATE U 919 748-4469

RUSSELL, WILSON GLOVER PTH AC
FORSYTH MEM. HOSP.-PTH 74 75 81
WINSTON-SALEM 27103
VANDERBILT U 919 773-3840

SANDERFORD, JAMES LYON, JR. DR /NM AC
3155 MAPLEWOOD AVENUE 78 78 78
WINSTON-SALEM 27103
U OF NC 919 773-3874

SANFORD, WILLIAM GORDON OM /IM AC
3300 LEXINGTON RD. 48 48 72
WINSTON-SALEM 27102
U OF MARYLAND 919 784-3939

SASIN, ILONA BRANDT FP /OM AC
714 KEIGHTLY COURT 60 77 78
WINSTON-SALEM 27104
KRAKOW-POLAND 919 784-2476

SATTERWHITE, WILLIAM M. OTO /HNS AC
1420 PLAZA DRIVE 58 58 65
WINSTON-SALEM 27103
DUKE 919 765-4922

SAWYER, CHARLES GLENN CD /IM AC
300 S. HAWTHORNE RD. 44 44 50
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4462

SAYERS, DANIEL GARVIN EM AC
2804 MONTCLAIR ROAD 77 77 78
WINSTON-SALEM 27106
OHIO STATE U 919 748-4625

SAYERS, WILLIAM FLOYD PD AC
3318 HEALY DRIVE 65 65 73
WINSTON-SALEM 27103
U OF NC 919 765-8490

SCHARYJ, MODESTO PTH AC
BOWMAN GRAY-PATH. 46 63 78
WINSTON-SALEM 27103
U OF WIEN 919 748-2632

SCHERER, JAMES LEROY R AC
3155 MAPLEWOOD AVENUE 68 67 81
WINSTON-SALEM 27103
DUKE 919 773-3874

SCHILLER, HERBERT MILES PTH /CLP AC
2570 EMPIRE DR. 68 68 78
WINSTON-SALEM 27103
BOWMAN GRAY 919 760-4620

SCHKOLNE, BENZION AN AC
300 BEECHCLIFF COURT 72 78 82
WINSTON-SALEM 27104
U OF CAPE TOWN 919 765-9091

SCHMID, HERMAN ERNEST, JR. FP /GP AC
147 COLUMBINE DR. 55 56 71
WINSTON-SALEM 27106
U OF ILLINOIS 919 722-9535

SCHMIDT, ERIC WILLIAM R
140 DALEWOOD DR. #6 83 00 84
WINSTON-SALEM 27104
U OF MASS 919 768-8666

SCHROETER, THOMAS ANTHONY S
1008 S. HAWTHORNE RD. 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-3633

SCHULTZ, JOHN LOESCH DR /NM AC
3155 MAPLEWOOD AVENUE 61 61 73
WINSTON-SALEM 27103
BOWMAN GRAY 919 773-3948

SCHWARTZ, EARL EM AC
3465 DIXIANA LANE 74 75 77
PFAFFTOWN 27040
BOWMAN GRAY 919 748-4625

SCUDERI, PHILLIP EDWARD AN AC
1728 BUENA VISTA RD. 78 79 81
WINSTON-SALEM 27104
BOWMAN GRAY 919 773-3180

SHAFFNER, LOUIS DES PDS /GS AC
740 N. PINE VALLEY ROAD 41 47 51
WINSTON-SALEM 27106
HARVARD 919 725-1503

SHAH, BANSILAL PARBHULAL GS /CDS AC
3030 TRENWEST DRIVE 63 61 73
WINSTON-SALEM 27103
BARODA U 919 768-3530

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

SHEALY, RONALD BERNARD OTO AC
175 CHARLOIS BLVD., STE. 101 75 76 81
WINSTON-SALEM 27103
MED U OF SC 919 768-3361

SHEARIN, JACOB CONNELL PS /GS AC
300 S. HAWTHORNE RD. 68 70 79
WINSTON-SALEM 27103
U OF PENN 919 748-4171

SHEPARD, CLAUDIA PRICHARD S
1406 JARVIS ST. 89 00 85
WINSTON-SALEM 27101
BOWMAN GRAY 919 722-8253

SHOWN, THOMAS EARL U AC
2932 LYNDHURST AVENUE 61 61 71
WINSTON-SALEM 27103
U OF LOUISVILLE 919 765-4021

SIMON, JIMMY L. PD AC
BOWMAN GRAY, DEPT. OF PED. 55 56 80
WINSTON-SALEM 27103
U OF CALIFORNIA 919 748-4431

SIMPSON, EUGENE MYERS, JR. PD AC
250 CHARLOIS BOULEVARD 73 73 77
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-4730

SIMPSON, THOMAS EDWARD GS AC
2827 LYNDHURST AVE., STE 206 57 57 58
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-9023

SIMSTEIN, NEIL LELAND GS /CDS AC
265 GLOUCESTERSHIRE ROAD 70 73 79
WINSTON-SALEM 27104
NEW YORK MED COL 919 768-7500

SINGER, LAWRENCE ROBERT OBG AC
250 CHARLOIS BOULEVARD 54 55 79
WINSTON-SALEM 27103
GEO WASHINGTON U 919 768-4730

SINTHUSEK, CHIRAPA IM /END AC
2728 TUDOR ROAD 70 73 78
WINSTON-SALEM 27106
CHIENGMAI U 919 725-4741

SLATE, FRANCIS WESLEY GS AC
P. O. BOX 407 47 57 59
MOCKSVILLE 27028
U OF CAPE TOWN 704 634-6121

SLATKOFF, MARC LESTER ON /HEM AC
2825 LYNDHURST AVE., STE. 103 74 74 86
WINSTON-SALEM 27103
U OF FLORIDA 919 768-0325

SLUSHER, M. MADISON OPH AC
300 S. HAWTHORNE RD. 64 65 74
WINSTON-SALEM 27103
U OF KENTUCKY 919 748-4091

SMALTO, GARY PAUL S
401 S. SUNSET DR. 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 724-9744

SMITH, CLAUDE ALFRED R AC
3155 MAPLEWOOD AVENUE 53 53 66
WINSTON-SALEM 27103
JEFFERSON 919 765-2702

SMITH, JOHN BALDWIN, III N/CHN AC
160 CHARLOIS BLVD. 69 69 76
WINSTON-SALEM 27103
MED COLL OF VA 919 768-5834

SMITH, MICHAEL LEE PD /D R
1412 S. CHAMBERS CIRCLE 83 83 81
AURORA, CO 80012
EAST CAROLINA U

SMITH, NAT ERSKINE IM AC
2900 COUNTRY CLUB ROAD 49 49 77
WINSTON-SALEM 27104
MED COLL OF GA 919 748-4524

SMITH, RUSSELL LEE IM /GP L/RT
1030 W. 25TH STREET 32 41 65
WINSTON-SALEM 27104
U OF ILLINOIS 919 723-2188

SMITH, TINA BROOKS S
923 CAROLINA AVE. 88 00 85
WINSTON-SALEM 27101
BOWMAN GRAY 919 724-5294

SNOWHITE, JENNIFER CELESTE S
1116 EBERT ST. 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-8712

SOHMER, MARCUS FRANK, JR. GE /IM AC
1901 S. HAWTHORNE RD., STE. 310 52 52 56
WINSTON-SALEM 27103
BOWMAN GRAY 919 760-4340

SONEK, MOJMIR JIRI OBG AC
100 RIDGEVIEW RD. 79 83 85
MOCKSVILLE 27028
U OF OTTAWA 919 634-0051

SOPER, HERBERT ALVA GYN /OBS AC
1901 S. HAWTHORNE RD. #320 60 67 68
WINSTON-SALEM 27103
U OF ARKANSAS 919 768-1180

SORIANO, CLINTON REYES CDS AC
HAWTHORNE MEDICAL PLAZA 69 69 78
1901 S. HAWTHORNE RD.
WINSTON-SALEM 27103
U OF EAST 919 765-6277

SOUTH, STEPHEN ALAN S
BOWMAN GRAY, STUDENT BOX 279 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-6150

SPENCER, RICHARD LEWIS P AC
3309-A HEALY DRIVE 60 60 69
WINSTON-SALEM 27103
MED COLL OF VA 919 765-6525

SPENCER, WILLIAM JOSEPH IM /CD AC
2933 MAPLEWOOD AVENUE 61 62 77
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-6020

SPIVEY, DAVID EUGENE, JR. S
813 SUNSET DR. 87 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-1943

SPUDIS, EDWARD VERHINES N AC
1900 S. HAWTHORNE RD. #674 53 59 59
WINSTON-SALEM 27103
U OF MARYLAND 919 765-2195

SPURR, CHARLES LEWIS ON /HEM L
300 S. HAWTHORNE RD. 40 57 57
WINSTON-SALEM 27103
U OF ROCHESTER 919 748-2946

STALLINGS, DAVEY BINGHAM GP AC
P. O. BOX 69 57 57 61
RURAL HALL 27045
BOWMAN GRAY 919 969-9158

STAMEY, CHARLES CLAUD PD AC
3000 BETHESDA PL. #501 53 53 57
WINSTON-SALEM 27103
HARVARD 919 768-6830

STANFORD, EDWARD JOSEPH S
1935 GASTON ST. 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY

STEPHENSON, ANNE ELIZABETH S
725 GALES AVE. #B 89 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-1783

STERCHI, JOHN MICHAEL ON /GS AC
300 S. HAWTHORNE RD. 66 66 79
WINSTON-SALEM 27103
U OF CINCINNATI 919 748-4276

STERNER, DAVID CHARLES S
3487 TANGLEBROOK TR. 88 00 84
CLEMMONS 27012
BOWMAN GRAY 919 766-6117

STETLER, ROBERT HOWARD GS AC
P. O. BOX 407 79 80 84
MOCKSVILLE 27028
BOWMAN GRAY 919 634-6121

STEWART, RONALD CLEVELAND PS /HS AC
2901 MAPLEWOOD AVENUE 74 75 82
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-8620

STONE, PERRY GALE PD AC
DALTON ROAD, P. O. BOX 426 76 76 84
KING 27021
BOWMAN GRAY 919 983-2531

STONEROCK, GRACE JANINE S
1641-E NORTHWEST BLVD. 89 00 85
WINSTON-SALEM 27104
BOWMAN GRAY 919 724-5446

STORY, LLOYD JERRELL IM /CD AC
260, HAWTHORNE MED. PLAZA 61 65 68
1901 S. HAWTHORNE RD.
WINSTON-SALEM 27103
U OF TENNESSEE 919 768-4460

STRINGER, LLEWELLYN WINN PUD AC
1728 S. HAWTHORNE ROAD 66 66 74
WINSTON-SALEM 27103
MED COLL OF VA 919 765-7517

STUART, JOHN JAMES HEM AC
3635 STIMPSON DRIVE 71 72 77
PFAFFTOWN 27040
U OF ROCHESTER 919 748-4506

STUBBS, ALLSTON JULIUS U AC
7932 LYNDHURST AVENUE 67 67 79
WINSTON-SALEM 27103
DUKE 919 765-4021

STULLKEN, EDWARD HENRY, JR. AN /EM AC
BOWMAN GRAY-ANES. 72 73 78
WINSTON-SALEM 27103
U OF ILLINOIS 919 727-4498

SUGG, WILLIAM CUNNINGHAM IM AC
2240 CLOVERDALE AVE., #220 53 53 57
WINSTON-SALEM 27103
JEFFERSON 919 723-4402

SUMNER, THOMAS EDWARD PDR /PD AC
BOWMAN GRAY-RAD. 68 68 77
WINSTON-SALEM 27103
U OF ROCHESTER 919 748-4316

SUTTON, HOMER GEORGE FP AC
3722 REYNOLDA ROAD 53 53 56
WINSTON-SALEM 27106
BOWMAN GRAY 919 924-2900

SWOFFORD, JOEL HOWARD S
1500 ARDSLEY ST. APT. J 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-9174

TABOR, CHARLES GORDON IM /EM AC
1360 PINEBLUFF ROAD 54 54 54
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-9074

TAFT, CHARLES VAN ORS AC
1425 PLAZA DR., BOX 25007 68 68 77
WINSTON-SALEM 27114
DUKE 919 768-1270

TARA, CHARLES SAMUEL OPH AC
1702 S. HAWTHORNE ROAD 69 69 77
WINSTON-SALEM 27103
U OF VERMONT 919 768-4140

TATE, DAVID HARRISON PD AC
3175 MAPLEWOOD AVENUE 65 65 69
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-7030

TAYLOR, BLUCHER EHRINGHAUS OBG AC
2909 LYNDHURST AVENUE 63 63 69
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-5470

TAYLOR, MARY ANN HAMPTON FP AC
4450 GREEN MEADOWS 60 60 64
WINSTON-SALEM 27106
BOWMAN GRAY 919 761-5218

THELAN, KENNETH MACLACHLAN IM AC
250 CHARLOIS BLVD. 75 78 79
WINSTON-SALEM 27103
U OF MICHIGAN 919 768-4730

THOMASON, ROBERT BRADLEY,III GS R
N.C. BAPTIST HOSPITAL 84 86 85
300 S. HAWTHORNE RD.
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-2011

THOMPSON, JAMES NICHOLAS OTO /HNS AC
BOWMAN GRAY-SURGERY 71 71 80
WINSTON-SALEM 27103
OHIO STATE U 919 748-4161

TOLMIE, JOHN DUNCAN AN AC
1543 ABBEY COURT 59 70 76
WINSTON-SALEM 27103
MCGILL U 919 727-4271

TOMBERLIN, KENNETH GUY ORS AC
2925 BRIGHAM STREET 60 60 69
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-9314

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

TOOLE, JAMES FRANCIS N/IM AC
300 S. HAWTHORNE RD. 49 62 63
WINSTON-SALEM 27103
CORNELL U 919 748-4101

TRAN, LUCAS VAN N R
101 ROBESON ST. STE. 410 76 83 86
FAYETTEVILLE 28301
SAIGON U 919 483-5050

TROOST, B. TODD N/OPH AC
215 PINE VALLEY ROAD 63 70 85
WINSTON-SALEM 27104
HARVARD 919 748-4643

TROWELL, AMY REBECCA PD /PHO AC
250 CHARLOIS BOULEVARD 72 72 78
WINSTON-SALEM 27103
MED COLL OF GA 919 768-4730

TRUJILLO, JAIME EMILIO IM /END AC
3111 MAPLEWOOD AVE., #101 73 75 77
WINSTON-SALEM 27103
CASE WESTERN RES 919 768-0496

TRUSCOTT, BASIL LIONEL N/IM AC
1244 ARBOR RD., #449 50 50 70
WINSTON-SALEM 27104
YALE 919 725-4441

TUCKER, WILLIAM YORK, JR. CDS AC
300 S. HAWTHORNE ROAD 68 68 86
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4487

TURNER, CHARLES SIEWERS PDS AC
2819 FOREST DRIVE 70 70 75
WINSTON-SALEM 27104
BOWMAN GRAY 919 724-0345

TURNER, HENRY CATLETT AN AC
300 S. HAWTHORNE RD. 62 62 68
WINSTON-SALEM 27103
U OF NC 919 748-4791

UNDERDAL, ROBERT GORDER ORS AC
1900 S. HAWTHORNE ROAD 56 56 63
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-1851

VALK, HENRY LEWIS IM AC
300 S. HAWTHORNE RD. 41 43 48
WINSTON-SALEM 27103
DUKE 919 748-4677

VAN NOORD, GLENN RICHARD FP AC
4020 DRESDEN DR. 74 74 86
WINSTON-SALEM 27104
WAYNE STATE U 919 748-2230

VAUGHAN, THOMAS JUNE R/CD AC
RT. #2, BOX 228-B 63 63 74
SPARTA 28675
MED COLL OF VA 919 372-5511

VREELAND, WALLING D., JR. GP AC
3910 COUNTRY CLUB ROAD 55 55 57
WINSTON-SALEM 27104
BOWMAN GRAY 919 765-0170

WADDELL, BRAD EDWARD S
204 PERSHING AVE., SW 89 00 86
WINSTON-SALEM 27103
BOWMAN GRAY 919 725-2939

WALKER, DANA SHERRICK FP R
2100 BRICKHAVEN DR. 84 00 82
GREENSBORO 27409
BOWMAN GRAY

WALKER, LAWRENCE C., JR. OBG AC
2927 LYNDHURST AVENUE 60 60 69
WINSTON-SALEM 27103
DUKE 919 765-9350

WALKER, WILLIAM THOMAS FP L/RT
202 S. CHERRY ST. 49 50 50
KERNERSVILLE 27284
MED COLL OF VA 919 993-2011

WALL, ROSCOE L., JR. GYN /END L/RT
440 SHERWOOD FOREST RD. 40 40 50
WINSTON-SALEM 27104
JEFFERSON 919 765-3383

WALLEY, BRUCE DOUGLAS CD /CDS AC
2827 LYNDHURST AVE. STE. 205 74 74 83
WINSTON-SALEM 27103
BOWMAN GRAY 919 768-9535

WALTER, PAUL ANDREW, JR. AN AC
2832 FAIRMONT ROAD 55 55 70
WINSTON-SALEM 27106
BOWMAN GRAY 919 768-7680

WARD, WALTER AVEREL, JR. OTO /A AC
1411-B PLAZA WEST RD. 61 61 76
WINSTON-SALEM 27103
BOWMAN GRAY 919 760-0240

WATSON, NAT ERSKINE, JR. NM /IM AC
766 OAKLAWN AVENUE 66 66 79
WINSTON-SALEM 27104
MED U OF SC 919 748-3520

WATTS, LARRY THOMAS S
1022 ENGLEWOOD AVE. 87 00 85
WINSTON-SALEM 27106
BOWMAN GRAY 919 724-9744

WATTS, LESTER EARL CD /IM AC
300 S. HAWTHORNE RD. 57 57 57
WINSTON-SALEM 27103
BOWMAN GRAY 919 748-4581

WEAVER, EDWARD HARRISON P AC
190 CHARLOIS BLVD. 74 75 81
WINSTON-SALEM 27103
U OF ALABAMA 919 768-6930

WEAVER, FREDERICK BROWN IM AC
1409 PLAZA DRIVE 63 63 72
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-4301

WEAVER, R. GREY, JR. PD AC
771 REAFORD ROAD 77 77 84
WINSTON-SALEM 27104
BOWMAN GRAY 919 748-4091

WEBB, LAWRENCE XAVIER ORS AC
300 S. HAWTHORNE RD. 78 78 85
WINSTON-SALEM 27103
TEMPLE U 919 748-3606

WEBER, GLENDA H. PTH AC
P. O. BOX 809 65 65 70
CLEMMONS 27012
BOWMAN GRAY 919 768-7680

WEBER, JOEL MICHAEL S
1045-C BANK ST. 87 00 84
WINSTON-SALEM 27101
BOWMAN GRAY 919 722-6775

WEEKS, DUKE BYRON AN AC
2615 TALLWOOD COURT 65 65 75
WINSTON-SALEM 27106
BOWMAN GRAY 919 748-4791

WELANDER, CHARLES ERIC GYN /ON AC
300 S. HAWTHORNE RD. 71 72 81
WINSTON-SALEM 27103
U OF CHICAGO 919 748-4022

WELCH, EARL PARKS, JR. GS /TS AC
2825 LYNDHURST AVE. STE. 105 57 57 65
WINSTON-SALEM 27103
U OF NC 919 760-3112

WELFARE, CHARLES RANDALL IM L/RT
1113 STANDISH COURT 40 40 47
WINSTON-SALEM 27106
U OF PENN 919 723-3856

WELLS, ANDREW HENDERSON S
1715 ELIZABETH AVE. 88 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 761-0895

WESTON, LYNDA RIGSBEE P AC
610 COLISEUM DR. 77 78 83
CHILD GUIDANCE CENTER
WINSTON-SALEM 27106
BOWMAN GRAY 919 723-3571

WHITAKER, RICHARD HARPER GP L/RT
133 S. MAIN STREET 34 34 39
KERNERSVILLE 27284
U OF PENN 919 993-3838

WHITE, DOUGLAS RECTOR HEM /ON AC
BOWMAN GRAY, DEPT. OF MED. 67 74 75
WINSTON-SALEM 27103
U OF CHICAGO 919 748-4380

WHITE, JAMES ALFRED, JR. PTH AC
2240 CLOVERDALE AVE., #198 48 55 56
WINSTON-SALEM 27103
U OF TENNESSEE 919 722-1154

WHITE, JAMES LEE S
3601 MERRIFIELD RD. 86 00 85
CHARLOTTE 27211
BOWMAN GRAY

WHITENER, DONALD LEONARD OBG AC
2927 LYNDHURST AVENUE 46 50 51
WINSTON-SALEM 27103
JOHNS HOPKINS 919 765-9350

WIGGINS, JOHN CARROLL, JR. IM L/RT
1121 PARTRIDGE LANE 41 47 48
WINSTON-SALEM 27106
HARVARD 919 765-5334

WIGGINS, THOMAS BARNES DR R
2508 MOUNT SALEM ROAD 83 00 81
PFAFFTOWN 27040
BOWMAN GRAY 919 922-1364

WILLIAMS, KENAN BANKS PD AC
3175 MAPLEWOOD AVENUE 44 44 51
WINSTON-SALEM 27103
JEFFERSON 919 768-7030

WILLIAMS, ROBERT BARCLAY S
450 LOCKLAND AVENUE 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-6041

WILLIAMS, ROBERT LEE PD AC
2004 CLAXTON DRIVE 75 76 80
WINSTON-SALEM 27107
DUKE 919 785-0037

WILLIAMS, SAMUEL CLAY IM AC
2637 AUDUBON DR. 45 46 51
WINSTON-SALEM 27106
U OF PENN 919 722-3838

WILSON, DANIEL JOSEPH NEP /IM AC
318 FORSYTH MEDICAL PARK 74 77 80
1900 S. HAWTHORNE RD.
WINSTON-SALEM 27103
RUSH MED COLL 919 768-6850

WILSON, ROBERT LEWIS, JR. S
2412 JEFFERSON AVE. 87 00 84
WINSTON-SALEM 27103
BOWMAN GRAY 919 722-4588

WILSON, SCOTT DOUGLAS S
BOX 437, 300 S. HAWTHORNE RD. 86 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 787-5630

WILSON, VIRGIL ARCHIBALD AN AC
4193 DIMHOLT COURT 54 54 55
WINSTON-SALEM 27104
U OF NC 919 765-8452

WOLFE, JOHN RICHARD IM /RHU AC
2933 MAPLEWOOD AVENUE 67 67 76
WINSTON-SALEM 27103
MED COLL OF VA 919 765-1640

WOLFMAN, NEIL TURNER R AC
BOWMAN GRAY, DEPT. OF RAD. 71 72 79
WINSTON-SALEM 27103
ALBANY MED COLL 919 748-2471

WOOD, DAVID RICHARD GE /IM AC
1830 S. HAWTHORNE ROAD 75 76 83
WINSTON-SALEM 27103
OHIO STATE U 919 765-0463

WOODRUFF, RALPH DUTTON PTH AC
BOWMAN GRAY, DEPT. OF PATH. 65 68 83
WINSTON-SALEM 27103
JEFFERSON 919 748-4311

WRIGHT, JOHN HERMAN, JR. PS /GS AC
2901 MAPLEWOOD AVENUE 68 68 75
WINSTON-SALEM 27103
U OF NC 919 765-8620

WU, WALLACE CHI LI GE /IM AC
300 S. HAWTHORNE RD. 66 66 75
WINSTON-SALEM 27103
U OF HONG KONG 919 748-4603

WULFHORST, DEBRA LYNN S
840 MAGNOLIA DR. 88 00 85
WINSTON-SALEM 27103
BOWMAN GRAY 919 723-4036

YOPP, JAMES DENNIE, JR. CD /IM AC
602 FORSYTH MEDICAL PARK 66 66 74
WINSTON-SALEM 27103
BOWMAN GRAY 919 765-4871

YOUNT, ERNEST HARSHAW, JR. IM L/RT
2800 GREENWICH ROAD 43 48 48
WINSTON-SALEM 27104
VANDERBILT U 919 748-4678

ZAGORIA, RONALD JAY DR R
4015 VILLAGE PLACE 83 84 85
WINSTON-SALEM 27107
U OF MARYLAND 919 784-4158

ZAMMIT, ROBERT PAUL OBG AC
406 FORSYTH MEDICAL PARK 56 67 67
WINSTON-SALEM 27103
CREIGHTON U 919 765-2232

FORSYTH-STOKES-DAVIE COMPONENT SOCIETY (Continued)

ZARATE, RENATO — IM AC 69 70 75
P. O. BOX 86
DANBURY 27016
FAR EAST U — 919 593-2001

ZEKAN, PATRICIA JOAN — ON /IM AC 78 78 84
300 S. HAWTHORNE ROAD
WINSTON-SALEM 27103
WEST VA U — 919 748-2075

ZIMMERMAN, CAROL FRANCES — OPH /N R 81 82 83
784 N. STRATFORD ROAD
WINSTON-SALEM 27104
U OF MISSISSIPPI — 919 748-3500

35. FRANKLIN COMPONENT SOCIETY

OFFICERS—**President:** Carey J. Perry, M.D., Louisburg (919 496-4250)
Secretary: Paul Kile, M.D., Louisburg (919 496-4250)

HARPER, WAYNE LEE — IM AC 78 80 82
107 TANBARK COURT
LOUISBURG 27549
DUKE — 919 496-6511

MEDDERS, JAMES DOYLE — GP /CD AC 56 56 62
113 JOLLY STREET
LOUISBURG 27549
U OF NC — 919 496-4250

PATTERSON, BERNARD LOW — FP AC 52 53 55
626 N. BICKETT BOULEVARD
LOUISBURG 27549
MED COLL OF VA — 919 496-3680

PERDUE, JASPER BURT, JR. — GS AC 64 64 71
111 JOLLY STREET
LOUISBURG 27549
BOWMAN GRAY — 919 496-4177

PERRY, CAREY JONES — FP AC 56 56 62
113 JOLLY STREET
LOUISBURG 27549
U OF NC — 919 496-4250

STALLINGS, STEPHEN D., JR. — GP AC 46 47 50
ROUTE #2, BOX 109
ZEBULON 27597
BOWMAN GRAY — 919 269-8802

WHELESS, THOMAS O. — FP /GER AC 43 43 47
948 N. MAIN STREET
LOUISBURG 27549
BOWMAN GRAY — 919 496-3375

36. GASTON COMPONENT SOCIETY

OFFICERS—**President:** Robert E. Chambers, M.D., Gastonia (704 864-2685)
Secretary: John B. Garrett, Jr., M.D., Gastonia (704 864-7764)
Executive Secretary: Linda S. Mauldin, P.O. Box 1747, Gastonia (704 866-2990)

ABERNETHY, WILLIAM BORDEN, JR. — PD AC 60 60 66
610 DEERWOOD
GASTONIA 28052
U OF NC — 704 864-4298

ADAMS, SIMEON HUEY — GS AC 53 55 59
902-G COX ROAD
GASTONIA 28052
MED COLL OF VA — 704 864-7821

AGNER, MARSHAL EDWARD — FP AC 52 54 54
609 E. ACADEMY ST.
PO BOX 157
CHERRYVILLE 28021
DUKE — 704 435-6058

AIKEN, JANET CYBRYNSKI — IM AC 76 78 80
1349-B E. GARRISON BLVD.
GASTONIA 28054
U OF NC — 704 861-0210

AIKEN, WARWICK, III — IM AC 76 78 73
1349-B E. GARRISON BLVD.
GASTONIA 28054
U OF NC — 704 861-0210

AIZCORBE, RAUL CESAR — FP AC 52 64 65
79 MCADENVILLE ROAD
BELMONT 28012
U OF HABANA — 704 825-3101

AKERS, RICHARD EDWIN — OPH AC 70 72 74
631 COX ROAD
GASTONIA 28054
MED U OF SC — 704 864-7789

ALBRIGHT, BENJAMIN P., JR — IM AC 65 65 71
1896 REMOUNT ROAD
GASTONIA 28054
EMORY U — 704 867-0735

ALLAN, JAMES THOMAS, JR. — R AC 70 70 76
3705 PRINCETON DRIVE
GASTONIA 28054
U OF PENN — 704 866-2948

ANTHONY, LUTHER LESLIE, JR. — IM /CD AC 53 53 54
1896 REMOUNT ROAD
GASTONIA 28054
JEFFERSON — 704 867-0736

ANTHONY, WILLIAM AUGUSTUS — IM L/RT 29 29 32
1203 BELVEDERE
GASTONIA 28054
MED COLL OF VA — 704 866-9206

ARNEY, GERALD WAYNE — DR AC 74 75 82
GASTON RADIOLOGY
MEDICAL BLDG
P. O. BOX 1495
GASTONIA 28052
U OF TENNESSEE — 704 864-4378

AYCOCK, PERRY WILLIAM, JR. — IM /GE AC 68 68 74
1896 REMOUNT ROAD
GASTONIA 28054
MED U OF SC — 704 867-0735

BARRINGER, ROBERT PHILLIPS — IM AC 66 66 74
1896 REMOUNT ROAD
GASTONIA 28054
U OF NC — 704 867-0730

BLAKE, ROBERT ADAMS — ORS AC 65 65 74
902-D COX ROAD
GASTONIA 28054
MED U OF SC — 704 864-6723

BOND, JOHN PENNINGTON — GS L/RT 40 47 48
1806 FAIRFIELD DRIVE
GASTONIA 28054
MED COLL OF GA — 704 865-0154

BONNIN, IRVIN RAYMOND — OBG AC 64 64 74
1225 E. GARRISON BOULEVARD
GASTONIA 28054
LA STATE U — 704 867-7226

BOYCE, OREN DOUGLAS — IM /HYP L 33 35 46
406 S. CHESTER STREET
GASTONIA 28052
DUKE — 704 865-3181

BRADLEY, GEORGE LEE, JR. — GP /AM AC 68 69 83
800 E. FIRST STREET
CHERRYVILLE 28021
PHIL OSTEO MC — 704 435-4111

BRANDON, DANIEL — EM AC 65 65 70
3028 MT. VERNON DRIVE
GASTONIA 28054
BOWMAN GRAY — 704 866-2266

BREEDEN, THOMAS E. — GYN /OBG AC 60 60 72
603 COX RD., ABERDEEN PLAZA
GASTONIA 28052
MED U OF SC — 704 867-3551

CAIN, FRANK CORAL, JR. — GP AC 53 54 55
224 NEW HOPE ROAD
GASTONIA 28052
DUKE — 704 865-8241

CALDWELL, JESSE B., JR. — GYN L/RT 41 41 50
1307 PARK LANE
GASTONIA 28052
MCGILL U — 704 865-0968

CHAMBERS, ROBERT EDWARD — PD AC 52 56 56
1839 E. GARRISON BOULEVARD
GASTONIA 28054
DUKE — 704 864-2685

CONNER, JOEL DEWITT — GYN AC 57 58 63
471 COX ROAD
GASTONIA 28052
U OF NC — 704 865-0033

COX, RUSSELL JACKSON — PD AC 79 79 82
902 COX RD. STE. C
GASTONIA 28052
U TX-SAN ANTONIO — 704 864-6522

DAVIS, RUFUS JACKSON — GP AC 46 50 51
P. O. BOX 337
CRAMERTON 28032
MED U OF SC — 704 825-8266

DEAS, DAVID JOHN — P AC 61 61 65
238-3 WILMOT DR., BLDG. 239
GASTONIA 28054
DUKE — 704 867-2338

DICKSON, BRICE TEMPELTON, JR. — IM L/RT 44 44 50
837 ATHENIAN DR.
GASTONIA 28052
JEFFERSON — 704 867-7656

DIGBY, RONALD WYMAN — CD /IM AC 71 72 77
1896 REMOUNT ROAD
GASTONIA 28054
MED COLL OF GA — 704 867-0735

DRAKE, SAMUEL THOMAS — GE /IM AC 73 75 79
603 COX ROAD
GASTONIA 28054
MED U OF SC — 704 867-3585

ECKBERT, WILLIAM FOX — FP L 39 41 42
P. O. BOX 309
CRAMERTON 28032
DUKE — 704 824-1321

FEUER, ABE LAWRENCE — OTO L/RT 39 47 49
1006 FAIRFIELD DR.
GASTONIA 28054
HAHNEMANN — 704 864-2222

FISHER, CARL ELLIS — PD AC 69 69 76
902-C COX ROAD
GASTONIA 28054
U OF NC — 704 867-5356

FORRESTER, JAMES SUMMERS — FP /GPM AC 62 62 63
P. O. BOX 459
STANLEY2 8164
BOWMAN GRAY — 704 263-4716

FREEMAN, PERCY LEE — U L/RT 43 47 47
LAKE WYLIE, RT. #5, BOX 410-G
CLOVER, SC 29710
MED COLL OF GA — 803 831-8598

GARRETT, JOHN BOSTIAN, JR. — U AC 73 74 82
631 COX ROAD
GASTONIA 28054
MED U OF SC — 704 864-7764

GIBBS, STUART WYNN — R L/RT 44 44 48
P. O. BOX 1495
GASTONIA 28052
BOWMAN GRAY — 704 864-4378

GASTON COMPONENT SOCIETY (Continued)

GLENN, CHARLES ARTHUR GS L
P. O. BOX 1492 36 36 37
GASTONIA 28053
MED U OF SC 704 865-1103

GLENN, DOROTHY NORMAN OBG L
ISLAMABAD-ID,DEPT. OF STATE 38 38 40
WASHINGTON, DC 20523
MED COLL OF PENN 703 235-9656

GREGORY, WILLIAM LYON GP AC
2405 LOWELL ROAD 55 57 58
GASTONIA 28052
MED U OF SC 704 865-8134

GROVES, ROBERT BURWELL, JR. OBG AC
902 COX ROAD, SUITE F 53 53 54
GASTONIA 28052
MED COLL OF VA 704 867-1549

HAMMOND, WILLIAM HOWARD, JR. GP AC
224 S. NEW HOPE RD. 63 64 72
GASTONIA 28054
MEHARRY MED COLL 704 867-3621

HAYES, WILLIAM CLAYTON, JR. PD AC
635-A COX ROAD 74 76 85
GASTONIA 28054
U OF NC 704 864-5437

HEMBREE, EUGENE EDWARD, JR. OBG AC
1225 E. GARRISON BLVD. 66 66 73
GASTONIA 28054
MED U OF SC 704 865-7417

HORSLEY, WILLIAM NOLEN FP AC
28 E. WOODROW AVENUE 41 46 47
BELMONT 28012
DUKE 704 825-5376

HOUSER, FOREST MELVILLE GP L/RT
410 S. ELM STREET 28 28 30
CHERRYVILLE 28021
U OF PENN 704 435-6803

HOWE, DONALD DOUGLAS OBG AC
1225 E. GARRISON BLVD. 70 71 77
GASTONIA 28054
U OF NC 704 865-7416

HUTCHINS, CHARLES HUBERT OTO AC
100 E. WILKINSON BOULEVARD 66 66 75
GASTONIA 28054
MED COLL OF GA 704 824-4331

JACOBS, GEORGE DANIEL OBG AC
1225 E. GARRISON BLVD. 76 76 82
GASTONIA 28054
U OF NC 704 865-7416

JARMAN, WILLIAM HENRY, JR. ORS AC
902 COX ROAD 67 67 74
GASTONIA 28052
U OF NC 704 867-2333

JARVIS, JAMES LUTHER NM /R AC
P. O. BOX 1495 46 46 52
GASTONIA 28052
BOWMAN GRAY 704 864-4378

KAHN, ROBERT HOWARD D AC
1032 X-RAY DR., STE. A 72 73 76
P. O. BOX 3598
GASTONIA 28053
NEW YORK U 704 864-8386

KEATHLEY, FRANKLIN BURR D/A AC
224 NEW HOPE ROAD 46 50 50
GASTONIA 28052
U OF TENNESSEE 704 867-0773

KING, GLENDALL LEE ORS AC
902 COX ROAD, SUITE A 55 65 65
GASTONIA 28054
WASHINGTON U 704 865-6487

LAHSER, CHARLES IRVING PD RT
902-C COX ROAD 46 46 52
GASTONIA 28052
BOWMAN GRAY 704 867-5356

LEEPER, WILLIAM EDWARD, JR. IM RT
2525 PINEWOOD RD. 43 44 52
GASTONIA 28054
DUKE 704 867-6798

LEONE, CHERYL LEVINE PTH AC
1740 MONTCLAIR AVENUE 69 70 78
GASTONIA 28054
TULANE U 704 866-2851

LEONE, PHILIP GEORGE PTH AC
1740 MONTCLAIR AVENUE 68 68 78
GASTONIA 28054
TULANE U 704 866-2851

LESTER, ROBERT HILTON OBG AC
902 COX ROAD, SUITE F 75 76 80
GASTONIA 28054
U OF NC 704 867-6386

LUVIS, L.D.A. CLAUDIUS IM AC
1119 CHURCHILL DRIVE 71 71 83
GASTONIA 28052
U OF CEYLON 704 867-1306

MCDOWELL, ROY HENDRIX FP L/RT
100 DOGWOOD LANE 29 29 31
BELMONT 28012
U OF MARYLAND 704 825-8546

MILES, JOHN RALPH, JR. GS /CDS AC
211 S. CHESTNUT ST. 73 74 80
GASTONIA 28054
U OF VIRGINIA 704 867-8975

MILLER, ANDREW CLEVELAND,III FP AC
311 W. THIRD AVENUE 55 55 60
GASTONIA 28052
U OF NC 704 865-4231

MILLER, GEORGE ROLFE ORS AC
902 COX ROAD, SUITE A 43 50 50
GASTONIA 28052
U OF ROCHESTER 704 865-6487

MORRIS, LESLIE MORGAN R AC
3636 BRENTWOOD DR. 43 43 48
GASTONIA 28054
BOWMAN GRAY 704 864-4378

MOSKOWITZ, MARK SANDERS GS /VS AC
2555 PEMBROKE ROAD 74 80 80
GASTONIA 28054
BOSTON U 704 864-8377

MURPHY, THOMAS LYNCH, JR. IM /PUD AC
1021 X-RAY DR. 73 76 82
GASTONIA 28054
HARVARD 704 867-2341

NICHOLS, GEORGE LOUIS P AC
1431 LAUREL LN. 63 64 74
GASTONIA 28054
CREIGHTON U 704 867-4411

NIEMEYER, CHARLES JOHN ORS AC
902 COX ROAD, SUITE A 66 66 74
GASTONIA 28054
DUKE 704 865-6487

NORCROSS, FREDERICK C. PD AC
1839 E. GARRISON BLVD. 64 64 71
GASTONIA 28052
GEO WASHINGTON U 704 864-2685

OGDEN, ROBERT HARVEY OBG AC
902 COX RD., STE. F 63 69 70
GASTONIA 28054
MED COLL OF GA 704 867-6386

PEACH, CHARLES ARTHUR OBG AC
902 COX RD., STE. F 78 79 83
GASTONIA 28054
MED COLL OF GA 704 867-6386

PENDLEY, ROBERT ALAN GE /IM AC
211 S. CHESTNUT STREET 76 77 82
GASTONIA 28054
EMORY U 704 867-4406

PERKINS, ROBERT SANBORN TS /GS AC
3406 COUNTRY CLUB DR. 60 62 84
GASTONIA 28054
TUFTS U 704 864-8377

PILLAI, JEYAKUMAR P. P AC
238-3 WILMOT DR. #239 78 78 85
GASTONIA 28054
KARNATAK UNIV. 704 867-2338

PRINCE, GEORGE EDWARD PD AC
3709 ST. REGIS DR. 44 47 48
GASTONIA 28054
DUKE 704 867-5357

PUSTROM, EINAR P/CHP AC
239 WILMONT ROAD 58 58 79
GASTONIA 28054
BOWMAN GRAY 704 867-2338

RANKIN, RICHARD EUGENE FP /GP AC
RANKIN CLINIC 50 50 52
MOUNT HOLLY 28120
U OF VIRGINIA 704 827-3031

RICE, EDMOND LEE GS H
UNITED CHRISTIAN HOSPITAL 31 32 43
LAHORE, WEST PAKISTAN
EMORY U

RINEHART, DAVID APGAR FP AC
9 FOREST HILL ROAD 82 82 86
BELMONT 28012
U OF VIRGINIA 704 825-5333

ROBERTS, RICHARD SCOTT AI /PD AC
1050 X-RAY DRIVE, SUITE A 78 80 83
GASTONIA 28054
COLUMBIA U 704 861-0515

SANDERS, JAMES ALLEN ORS AC
902-E COX ROAD 63 63 68
GASTONIA 28052
BOWMAN GRAY 704 867-2333

SCHMITTER, KARL JOSEPH GS /HNS AC
902 COX RD., STE. C 78 81 85
GASTONIA 28054
OHIO STATE U 704 864-7821

SCOTT, JACKSON VANCE FP /IM AC
101 W. CATAWBA AVENUE 59 62 66
MOUNT HOLLY 28120
JEFFERSON 704 827-3014

SEEAR, TORBEN GYN L/RT
938 PARAMOUNT CIRCLE 41 54 54
GASTONIA 28052
U OF COPENHAGEN 704 864-7935

SHANNON, WILLIAM B. OPH AC
1061 X-RAY DR. 76 76 84
GASTONIA 28054
EMORY U 704 861-8557

SHASTRY, CHANDRASHEKARA IM /END AC
607 E. GARRISON BLVD. 70 71 83
GASTONIA 28054
KARNATAK U 704 866-4607

SILVOY, EDWARD JOHN OTO /PS AC
1010 X-RAY DR. 71 72 79
GASTONIA 28054
NEW YORK MED COL 704 865-7677

SIVA, SIVALINGAM NS AC
900 COX ROAD 65 76 78
GASTONIA 28054
U OF SINGAPORE 704 865-7655

SMITH, JOSEPH PINKNEY GP AC
1508 S. YORK STREET 45 45 49
GASTONIA 28052
BOWMAN GRAY 704 864-3496

SODERSTROM, LAWRENCE PAUL DR /NM AC
10230 BALMORAL CIRCLE 80 81 80
CHARLOTTE 28210
BOWMAN GRAY 704 864-4378

STARK, THOMAS HALL GYN AC
603 COX ROAD 57 69 70
GASTONIA 28054
MED COLL OF VA 704 866-0111

STREETER, CHARLES TRUMAN FP AC
222 WOODRIDGE DR. 45 55 56
BELMONT 28012
U OF NEBRASKA 704 825-4426

STROUPE, ALBERTUS ULA, JR. GP L/RT
157 OAKLAND STREET 31 31 38
MOUNT HOLLY 28120
MED COLL OF VA 704 827-4863

TAYLOR, JAMES EDWARD U AC
631 COX ROAD 77 77 83
GASTONIA 28052
MED COLL OF GA 704 867-4896

THOMAS, HENRY FULLER GS /CDS AC
902-G COX ROAD 66 66 75
GASTONIA 28052
U OF NC 704 864-7821

THOMASON, HENRY C., JR. CD /IM AC
603 COX ROAD, SUITE E 67 67 74
GASTONIA 28054
U OF NC 704 867-2341

TYNER, HUGH EDWARD GS /TS AC
902-G COX ROAD 46 46 54
GASTONIA 28054
BOWMAN GRAY 704 864-7821

VARGAS, CARLOS ABRAHAM DR AC
P. O. BOX 1495 63 75 76
GASTONIA 28052
U OF BOLIVIA 704 864-4378

VOCI, VINCENT EUGENE PS /HS AC
902 COX RD., STE. B 74 75 85
GASTONIA 28054
U OF LOUISVILLE 704 867-5852

GASTON COMPONENT SOCIETY (Continued)

WAGGONER, LONNIE A., JR. IM RT 48 53 54
2522 SHEFFIELD DR.
GASTONIA 28054
DUKE 704 865-5486

WALLACE, ROBERT BRUCE EM AC 76 77 80
3101 ANDOVER CIRCLE
GASTONIA 28054
DALHOUSIE U 704 861-0225

WARLICK, JOHN THOMAS, III U AC 66 66 72
631 COX ROAD
GASTONIA 28052
MED U OF SC 704 864-7764

WEATHERS, BAILEY G., JR. FP AC 60 61 61
222 S. MAIN STREET
STANLEY 28164
MED COLL OF VA 704 263-8945

WEEKS, JOHN WESLEY OBG AC 65 65 85
902 COX ROAD
GASTONIA 28054
DUKE 704 867-6386

WHITE, GROVER WATTS U AC 56 64 64
631 COX ROAD
GASTONIA 28054
U OF ALABAMA 704 864-7764

WHITESIDES, EDWARD STEELE ORS AC 51 52 57
902 COX ROAD, SUITE D
GASTONIA 28054
DUKE 704 864-6723

WILL, THOMAS AUGUSTINE GP AC 48 49 53
P. O. BOX 515
DALLAS 28034
BOWMAN GRAY 704 922-3106

WILLIAMS, ERNEST COUNCIL GS /TS RT 51 56 56
3618 CLUB COLONY DR., W.
GASTONIA 28054
TULANE U 704 864-7821

WINGFIELD, THOMAS WHETSELL AN AC 65 73 77
629 TORRENCE DRIVE
GASTONIA 28052
U OF MARYLAND 704 864-2499

WITTENBERG, PETER HERBERT PTH AC 64 65 78
GASTON MEM. HOSP.
PO BOX 1747
GASTONIA 28053
U OF COLORADO 704 866-2851

YARBOROUGH, JESSE GRAHAM, JR. AN AC 78 78 85
501 SHADOW VIEW DR.
GASTONIA 28054
U OF NC

39. GRANVILLE COMPONENT SOCIETY

OFFICERS—**President:** John W. Watson, M.D., Oxford (919 693-8126)
Secretary: Steve D. Ertischek, M.D., Oxford (919 693-6541)

ALKHALDI, AOUS SALIM R AC 71 77 78
104 TRANQUIL CIRCLE
OXFORD 27565
DAMASCUS U 919 693-5115

ANDERSON, JOHN B., JR. FP AC 80 81 84
1018 COLLEGE STREET
OXFORD 27565
U OF CINCINNATI 919 693-3972

BARKER, CAROLYN E. CULBRETH P AC 58 58 64
1028 COLLEGE STREET
OXFORD 27565
U OF NC 919 693-3003

COLSON, JOSEPH SAMPSON FP RT 51 51 65
P. O. BOX 429
OXFORD 27565
HOWARD U 919 693-2697

DANIEL, LOUIE SAMUEL FP L/RT 40 40 46
124 PINE CONE DRIVE
OXFORD 27565
U OF MARYLAND 919 693-6735

ELLIOTT, JAMES FRANCIS, SR. P AC 54 54 57
ROUTE #2, BOX 405
CREEDMOOR 27522
DUKE 919 528-2433

ERTISCHEK, STEPHEN DAVID IM AC 74 77 78
1032 COLLEGE STREET
OXFORD 27565
U OF BOLOGNA 919 693-6541

FINCH, CHARLIE BRYAN FP AC 54 54 58
FINCH CLINIC
OXFORD 27565
DUKE 919 693-5156

GOUBRAN, MICHEL OBG /END AC 62 63 77
104 BELLE ST.
OXFORD 27565
EIN SHAMS U 919 693-2131

MAHAN, DENNIS MICHAEL FP AC 77 79 82
1012 COLLEGE ST.
OXFORD 27565
U OF MONTERREY 919 693-7108

MANGUM, RICHARD ARNOLD FP AC 64 64 66
102 DOGWOOD DRIVE
CREEDMOOR 27522
U OF NC 919 528-0707

MASSAQUOI, ALFRED D. LAMIN OBG AC 79 80 85
1030 COLLEGE ST.
P. O. BOX 1513
OXFORD 27565
HOWARD U 919 693-4212

NOEL, RICHARD DAVID GS AC 49 56 56
1026 COLLEGE STREET
OXFORD 27565
MED COLL OF GA 919 693-7066

REEDER, PAUL ARLINGTON GS AC 61 61 80
1026 COLLEGE STREET
OXFORD 27565
U OF MARYLAND 919 693-7066

SIMONSON, DELLA SUE PD /PH AC 55 55 59
MURDOCH CENTER
BUTNER 27509
U OF ARKANSAS 919 575-7740

STEAD, EUGENE ANSON, JR. IM /CD L 32 47 47
ROUTE #1, BOX 194
BULLOCK 27507
EMORY U 919 684-6587

TARRY, WILLIAM BURWELL, JR. FP AC 53 54 54
104 NEW COLLEGE STREET
OXFORD 27565
MED COLL OF VA 919 693-8126

TAYLOR, RICHARD LEWIS FP AC 62 62 66
1018 COLLEGE STREET
OXFORD 27565
U OF NC 919 693-3972

WATSON, JOHN WILLIAM FP AC 53 55 55
104 NEW COLLEGE STREET
OXFORD 27565
MED COLL OF VA 919 693-8126

WHITENER, BETTY LOU FP AC 59 60 77
P. O. BOX 220
OAK RIDGE, LA 71264
U OF OKLAHOMA 318 647-3720

41. GREENSBORO SOCIETY OF MEDICINE

OFFICERS—**President:** Charles M. Hassell, M.D., Greensboro (919 379-4074)
Secretary: Lloyd J. Peterson, M.D., Greensboro (919 275-6115)
Executive Director: Mr. James H. Busick, 612 Pasteur Dr., Ste. 404, Greensboro 27403 (919 854-1563)

ABRAHAMS, STUART JOEL GYN AC 57 64 65
200 E. NORTHWOOD ST., STE. 216
GREENSBORO 27401
U OF MARYLAND 919 275-5391

ABRAMS, MURRAY STANLEY GS AC 65 66 72
311 W. WENDOVER AVE.
GREENSBORO 27408
TEMPLE U 919 275-8415

ACKERMAN, JAYNE A. IM /ADL AC 76 77 79
UNC-G GOVE HEALTH CTR.
GREENSBORO 27412
U OF VERMONT 919 379-5340

ADELMAN, JAMES U. N AC 67 68 74
1910 N. CHURCH STREET
GREENSBORO 27405
NORTHWESTERN U 919 273-2511

ALLGOOD, JOHN WILLIAM, JR. IM L/RT 38 46 46
1503 PEBBLE DR.
GREENSBORO 27410
EMORY U 919 292-2196

AMES, RICHARD HAIGHT NS L/RT 41 48 49
2316 PRINCESS ANN ST.
GREENSBORO 27408
DUKE 919 288-0421

APLINGTON, JAMES PAGE ORS AC 66 66 76
315 W. WENDOVER AVENUE
GREENSBORO 27408
JOHNS HOPKINS 919 275-0724

ARKIN, ROY MARC GS AC 69 74 77
721 GREEN VALLEY RD.
GREENSBORO 27408
NEW YORK MED COL 919 275-2889

ARRINGTON, JOHN HODGE, III PTH /DMP AC 67 67 78
1608 VALLEYMEDE
GREENSBORO 27410
TULANE U 919 379-4073

BADAWI, RAOUF FAHMY P AC 63 73 81
522 N. ELAM AVE., STE. 203
GREENSBORO 27403
CAIRO U 919 854-2391

BAIRD, HAYNES WALLACE PTH /CLP AC 69 69 74
1200 N. ELM STREET
GREENSBORO 27401
U OF NC 919 379-4074

BALLEN, PATRICK LASELVE GS AC 75 76 82
1409 PEMBROKE RD. STE. 401
GREENSBORO 27408
CORNELL U 919 378-1583

BARBEE, LEWIS ELISHA GP AC 63 64 79
4928 SYLVANGLADE ROAD
MCLEANSVILLE 27301
HOWARD U 919 375-3434

BAREFOOT, SHERWOOD W. D L/RT 38 46 47
3107 MADISON AVE.
GREENSBORO 27403
DUKE 919 299-8629

BARKER, JULIAN OBG AC 57 60 60
408 PARKWAY
GREENSBORO 27401
ST U OF NY-BUFF 919 378-1110

BARKLEY, KARL LEE OBG AC 62 62 67
1305 W. WENDOVER AVENUE
GREENSBORO 27408
U OF NC 919 273-2835

BARRY, PAUL DOUGLAS DR /NM AC 76 76 81
#2 WALDRON COURT
GREENSBORO 27408
U OF NC 919 288-9346

BEAVERS, CHARLES LEE AN L/RT 38 38 46
100 MEADOWBROOK TERRACE
GREENSBORO 27408
U OF PENN 919 273-1066

GREENSBORO SOCIETY OF MEDICINE (Continued)

BEAVERS, JAMES WALLACE GP L
1016 N. ELM STREET 30 30 35
GREENSBORO 27401
U OF PENN 919 272-3487

BENBOW, EDWARD PERRY, JR. PD L
PO BOX 339 40 43 49
ORIENTAL 28571
DUKE 919 299-7057

BERRY, FRANCIS XAVIER OBG L/RT
1208 COLONIAL AVE. 42 53 53
GREENSBORO 27408
GEORGETOWN U 919 272-2155

BERTLING, MARION HENRY GYN L
2312 PRINCESS ANN STREET 35 35 48
GREENSBORO 27408
CASE WESTERN RES 919 288-6344

BERTRAND, MARGARET LINS DR AC
2214 PINECREST 74 74 78
GREENSBORO 27403
BAYLOR 919 379-0941

BERTRAND, SCOTT ALAN AN AC
PO BOX 10373 73 74 77
GREENSBORO 27404
BAYLOR 919 373-0372

BEST, DAVID CHARLES PS /HS AC
600-B PASTEUR DRIVE 77 80 83
GREENSBORO 27403
BOWMAN GRAY 919 852-0300

BEST, JAMES ERNEST PD /ADL AC
600 PASTEUR DRIVE 45 45 48
GREENSBORO 27403
BOWMAN GRAY 919 299-8046

BIRD, IGNACIO R L/RT
207 HOMEWOOD AVENUE 30 30 47
GREENSBORO 27403
YALE 919 299-8319

BLIEVERNICHT, STEPHEN WALDO GS AC
1014 PROFESSIONAL VILLAGE 69 71 83
GREENSBORO 27401
EMORY U 919 373-1078

BLOMGREN, PETER FREDERICK FP AC
317 W. WENDOVER AVE. 74 74 85
GREENSBORO 27408
INDIANA U 919 373-1794

BLOMQUIST, GUSTAV ARTHUR, JR. PS AC
1409 PEMBROKE RD., STE. 303 73 74 82
GREENSBORO 27408
VANDERBILT U 919 275-1111

BLOUNT, ALVIN VINCENT, JR. GS AC
PO BOX 20523 47 48 66
GREENSBORO 27420
HOWARD U 919 274-7619

BODNER, WILLIAM RAYMOND, JR. P AC
606 WALTER REED DR. 63 72 73
GREENSBORO 27403
ST LOUIS U 919 299-0107

BOER, HENRY R. NPM /PD AC
3036 LAKE FOREST DR. 68 71 84
GREENSBORO 27408
U OF OTTAWA 919 282-2360

BONNER, MERLE DUMONT PUD /A L/RT
MEADOWBROOK TERRACE 30 31 34
1915 BOULEVARD ST.
GREENSBORO 27407
U OF MARYLAND 919 854-0947

BOTERO, ERNESTO MIGUEL NS AC
200 E. NORTHWOOD ST. STE. 504 73 73 85
GREENSBORO 27401
U OF CARTAGENA 919 272-4578

BOWMAN, WILLIAM E., JR. GS /CDS AC
344 N. ELM STREET 74 79 82
GREENSBORO 27401
U OF NC 919 275-9554

BRACKBILL, THOMAS ANDREW CD /CD AC
1011 PROFESSIONAL VILLAGE 68 69 75
GREENSBORO 27401
COLUMBIA U 919 272-6133

BRADLEY, HAROLD JOHN, JR. U AC
1409 PEMBROKE ROAD 57 57 64
GREENSBORO 27408
U OF NC 919 378-9176

BRADLEY, HAROLD JOHN, SR. U L
1409 PEMBROKE ROAD 32 32 36
GREENSBORO 27408
U OF IOWA 919 274-7624

BRANTLEY, JULIAN THWEATT OBG AC
1409 PEMBROKE RD., STE. 402 44 44 49
GREENSBORO 27408
HARVARD 919 273-4325

BRATTON, TERESA SUE PDA /A AC
317 W. WENDOVER AVE. 74 76 82
GREENSBORO 27408
VANDERBILT U 919 275-1318

BRETT, CHARLES BURDEN PD AC
1307 W. WENDOVER AVENUE 71 71 80
GREENSBORO 27408
U OF NC 919 272-5189

BREWER, JAMES CHESTER, JR. FP AC
P. O. BOX 8248 59 59 61
GREENSBORO 27419
DUKE 919 852-7618

BREWINGTON, THOMAS ELMER, JR. OPH AC
P. O. BOX 20346 69 70 77
GREENSBORO 27420
MEHARRY MED COLL 919 272-5628

BRODIE, BRUCE ROGERS CD /IM AC
1409 PEMBROKE ROAD 70 73 79
GREENSBORO 27408
WASHINGTON U 919 378-0774

BROOKS, JAMES TAYLOR IM AC
1100 N. ELM STREET 43 43 48
GREENSBORO 27401
U OF PENN 919 273-8658

BROOKS, JEAN BAILEY GYN AC
1100 N. ELM STREET 44 44 48
GREENSBORO 27401
BOWMAN GRAY 919 273-8658

BROWN, FRANK REID IM L/RT
1103 COUNTRY CLUB DRIVE 38 46 46
GREENSBORO 27408
VANDERBILT U 919 272-5048

BROWN, JAY HOWARD JOEL AN AC
MOSES CONE HOSP.-ANES 67 70 75
GREENSBORO 27401
BOSTON U 919 379-4092

BROWN, ROBERT CALVIN CLP /PTH AC
1501 PEMBROKE ROAD 59 59 70
GREENSBORO 27408
U OF NC 919 378-2809

BRUCE, JAMES CRAWFORD IM /CD AC
1036 PROFESSIONAL VILLAGE 51 55 56
GREENSBORO 27401
GEO WASHINGTON U 919 378-9180

BRUMBACK, GEORGE FRANKLIN OPH AC
348 N. ELM STREET 59 64 68
GREENSBORO 27401
U OF TENNESSEE 919 274-4626

BRYAN, EDWIN LANCASTER IM /CD AC
200 E. NORTHWOOD STREET 61 61 68
GREENSBORO 27401
U OF PENN 919 274-7609

BUIE, RODERICK MARK, JR. IM /CD AC
101-F N. PARK DR. 44 44 50
GREENSBORO 27401
BOWMAN GRAY

BUMGARNER, JOHN REED CD /CD L
338 N. ELM STREET 39 39 40
GREENSBORO 27401
MED COLL OF VA 919 373-1123

BURKHART, VERNON ANDERSON OM /IM AC
2700 W. MARKET ST. 50 51 76
GREENSBORO 27403
U OF TENNESSEE

BURNEY, DONALD PATRICK CDS /TS AC
1317 N. ELM ST., STE. 1 70 70 80
GREENSBORO 27401
WASHINGTON U 919 373-8245

CABLE, THOMAS ALLEN FP AC
206 FISHER PARK CIRCLE 76 79 82
GREENSBORO 27401
U OF FLORIDA 919 379-4132

CAMPANO, MANUEL OSWALDO PTH AC
P. O. BOX X-3 51 63 64
GREENSBORO 27402
U OF HABANA 919 299-6815

CARANDANG, NAPOLEON VELUZ IM /OM AC
AT&T TECHNOLOGIES, INC. 62 70 78
P. O. BOX 25000
GREENSBORO 27420
U OF PHILIPPINES 919 279-3627

CARDWELL, WILLARD IM /CD L/RT
2312 LAFAYETTE 32 36 37
GREENSBORO 27408
MED COLL OF VA 919 288-4740

CARTER, ARTHUR FRANCIS AC
4606 HIGHBERRY RD. 76 76 86
GREENSBORO 27410
HOWARD U 919 274-3793

CARTER, PHILIPS JOHN ORS AC
315 W. WENDOVER AVENUE 62 62 72
GREENSBORO 27408
TULANE U 919 275-0724

CHARLTON, JOHN DAVID A L
1301 W. WENDOVER AVENUE 42 53 55
GREENSBORO 27408
U OF W ONTARIO 919 275-0441

CHASE, ROBERT EUGENE AN AC
1816 PEMBROKE RD., STE. #2 67 71 76
GREENSBORO 27408
M C OF WISCONSIN 919 272-3720

CHRISTIAN, BERNIE JOSEPH GP AC
948 WALKER AVENUE 51 51 52
GREENSBORO 27403
BOWMAN GRAY 919 275-7665

CLARK, PRESTON SAMUEL END /IM AC
MERRITT MEDICAL PLAZA 73 74 80
1511 WESTOVER TERR., STE. 101
GREENSBORO 27401
NEW YORK U 919 373-0311

CLEMMONS, ROY SEAWELL PYM /P AC
1107 W. FRIENDLY AVENUE 59 59 68
GREENSBORO 27401
DUKE 919 274-1567

CLONINGER, KENNETH LEE, JR. NS AC
200 E. NORTHWOOD ST., STE. 504 61 61 69
GREENSBORO 27401
U OF MARYLAND 919 272-4578

CLUTTS, GEORGE ROBERT GS /TS AC
344 N. ELM STREET 48 48 48
GREENSBORO 27401
NORTHWESTERN U 919 275-9554

COGGESHALL, ALLAN BANCROFT GS L/RT
109 BEVERLY PLACE 40 49 50
GREENSBORO 27403
RUSH MED COLL 919 299-7190

CONE, DONALD FRANK TR /DR AC
1604 ST. ANDREWS ROAD 59 61 66
GREENSBORO 27408
JOHNS HOPKINS 919 379-4143

CONNELLY, JERRY HUBBARD GP /GPM AC
212-C W. WENDOVER AVE. 63 64 84
GREENSBORO 27401
INDIANA U 919 275-3828

COOPER, ARMAH JAMALE P AC
604-B PASTEUR DR. 81 82 85
GREENSBORO 27403
MEHARRY MED COLL 919 855-7231

COURTS, ANDREW JOHNSON CHP /P AC
1024 PROFESSIONAL VILLAGE 58 58 66
GREENSBORO 27401
U OF NC 919 272-4262

CREWS, DAVID ALLEN AN AC
3106 MADISON AVE. 81 82 86
GREENSBORO 27403
U OF NC 919 299-6343

CROSS, ALRED CHARLES, JR. OM /GP AC
AT&T TECHNOLOGIES, INC. 53 53 74
P. O. BOX 25000
GREENSBORO 27420
U OF ARKANSAS 919 279-7108

CROSSLEY, JAMES JOHN OTO /A AC
100 E. NORTHWOOD ST. 67 69 76
GREENSBORO 27401
CORNELL U 919 274-5441

DAVIS, PHILIP BIBB GS L
1125 GATEHOUSE RD. 26 26 29
HIGH POINT 27260
JEFFERSON 305 276-6779

DAVIS, ROBERT NICHOLAS D AC
600 WALTER REED DRIVE 62 62 68
GREENSBORO 27403
DUKE 919 294-6555

GREENSBORO SOCIETY OF MEDICINE (Continued)

DAVIS, TIMOTHY EUGENE GS /CRS AC
1409 PEMBROKE RD., SUITE 400 71 71 78
GREENSBORO 27408
U OF ARKANSAS 919 273-8691

DEATON, PHILIP CARL NS AC
200 E. NORTHWOOD ST. STE. 204 66 66 76
GREENSBORO 27401
U OF NC 919 379-0077

DETERDING, JAMES LEROY NEP /IM AC
208 W. WENDOVER AVENUE 79 79 84
GREENSBORO 27401
U OF NEBRASKA 919 379-9708

DICKSTEIN, SHERRY ANNE OBG AC
200 E. NORTHWOOD ST. 78 82 85
GREENSBORO 27401
U OF VERMONT 919 275-5391

DIGBY, DONALD JOE OPH AC
3312 BATTLEGROUND AVE. 76 78 85
GREENSBORO 27410
MED COLL OF GA 919 282-5000

DILWORTH, JOHN HERBERT ORS /HS AC
1505 PEMBROKE ROAD 58 58 70
GREENSBORO 27408
U OF VIRGINIA 919 275-0927

DIXON, JAMES WELLINGTON GS /GP AC
P. O. BOX 20085 57 57 66
GREENSBORO 27420
MEHARRY MED COLL 919 378-1957

DIXON, SEWELL HINTON, JR. CDS /TS AC
1317 N. ELM ST., STE. 1 64 64 73
GREENSBORO 27401
EMORY U 919 373-8245

DOOLITTLE, ROBERT PRINCE ADL /IM AC
UNC-G STUDENT HEALTH CTR. 74 75 82
GREENSBORO 27412
U OF ALABAMA 919 379-5340

DOYLE, OWEN WILLIAM DR AC
1013 PROFESSIONAL VILLAGE 47 54 55
GREENSBORO 27401
YALE 919 275-6481

DREILING, DALE T. FP AC
522 N. ELAM AVENUE 79 80 83
GREENSBORO 27403
MED COLL OF VA 919 852-3800

DUNN, RICHARD BERRY GYN L
P. O. BOX 190 33 36 37
CLIMAX 27233
MCGILL U 919 674-9745

DYE, DAVID GODDARD ORS AC
530 N. ELAM AVE. 68 68 85
GREENSBORO 27403
MED COLL OF GA 919 292-8824

EAGLE, ELIZABETH ANNE DR AC
1309-11 N. ELM ST. 79 82 75
GREENSBORO 27401
U OF NC 919 379-0941

ELKINS, WILSON OLIVER FP AC
P. O. BOX 580 70 70 75
PLEASANT GARDEN 27313
BOWMAN GRAY 919 674-6191

EPES, CHARLES RICHARD OPH AC
3312 BATTLEGROUND AVE. 68 68 75
GREENSBORO 27410
U OF VIRGINIA 919 282-5000

EPPLE, KENNETH HALL P RT
2311 LAFAYETTE AVE. 52 52 60
GREENSBORO 27408
U OF VIRGINIA 919 288-6215

FARLEY, ROBERT HUGH GS AC
311 W. WENDOVER AVE. 56 64 65
GREENSBORO 27408
ST LOUIS U 919 275-8415

FIELDS, KARL BERTRAND FP AC
1411 GARLAND DR. 76 77 86
GREENSBORO 27408
U OF KENTUCKY 919 379-4133

FISCHER, GARY JAY DR AC
P. O. BOX 13005 72 72 78
GREENSBORO 27405
U OF MISSOURI 919 379-4140

FISHER, OTIS NORWOOD R AC
P. O. BOX 13005 59 59 69
GREENSBORO 27405
U OF NC 919 379-4360

FOLLO, PAIGE BILL PD AC
1209 MAGNOLIA STREET 47 54 54
GREENSBORO 27401
HARVARD 919 273-2879

FORE, STEVEN RONALD OBG AC
200 E. NORTHWOOD ST. STE. 216 68 68 79
GREENSBORO 27401
BOWMAN GRAY 919 275-5391

FOREMAN, ROBERT HUGH FP AC
4104 REDWINE DRIVE 73 74 81
GREENSBORO 27410
U OF CINCINNATI 919 294-6190

FORREST, WILLIAM WOMBLE PTH AC
WESLEY LONG HOSPITAL 48 48 57
P. O. DRAWER X-3
GREENSBORO 27402
HARVARD 919 299-6815

FORTUNE, BENJAMIN FLETCHER AN L/RT
906 W. CORNWALLIS DRIVE 41 41 47
GREENSBORO 27408
JEFFERSON 919 272-7755

FOX, RICHARD FRANKLIN NEP /IM AC
208 W. WENDOVER AVE. 75 76 84
GREENSBORO 27401
U OF NC 919 379-9708

FRASER, HUGH ERSKINE, JR. D AC
1030 PROFESSIONAL VILLAGE 56 62 62
GREENSBORO 27401
MED COLL OF VA 919 373-1383

GAMBLE, WILLIAM HEDRICK CD /IM AC
920 CHERRY ST. 76 77 85
GREENSBORO 27401
U OF NC 919 273-7900

GARBER, RONALD LEWIS NEP /IM AC
208 W. WENDOVER AVENUE 67 67 75
GREENSBORO 27401
MED U OF SC 919 379-9708

GARFINKEL, DANIEL FP AC
102 POMONA DRIVE 55 55 78
GREENSBORO 27407
BOWMAN GRAY 919 299-0000

GARRARD, ROBERT LEMLEY P/N L/RT
1000 RIDGECREST DR. 32 40 41
GREENSBORO 27410
HARVARD 919 292-0175

GARRETT, NORMAN H., JR. IM /END AC
1038 PROFESSIONAL VILLAGE 50 52 54
GREENSBORO 27401
DUKE 919 378-9131

GARVEY, ALFRED HAMILTON U AC
200 E. NORTHWOOD ST., STE. 302 54 54 61
GREENSBORO 27401
BOWMAN GRAY 919 275-6115

GAY, ROBERT MILTON PTH /CLP AC
1200 N. ELM STREET 63 63 72
GREENSBORO 27401
TULANE U 919 379-4074

GEGICK, CHARLES GEORGE END /IM AC
1022 PROFESSIONAL VILLAGE 69 70 76
GREENSBORO 27401
LOYOLA U 919 378-1143

GIBBLE, TIMOTHY PIUS IM AC
DOCTOR'S COMPLEX #1 79 79 84
THE BRUNSWICK HOSPITAL
SUPPLY 28462
INDIANA U 919 272-7398

GILMORE, BROOKS WEBSTER IM AC
342 N. ELM STREET 56 56 61
GREENSBORO 27401
U OF PENN 919 274-6373

GIOFFRE, RONALD ANTHONY ORS AC
315 W. WENDOVER AVENUE 65 79 80
GREENSBORO 27408
M C OF WISCONSIN 919 275-0724

GOTTSEGEN, DANIEL LEO OBG AC
200 E. NORTHWOOD ST., STE. 216 69 70 79
GREENSBORO 27401
TUFTS U 919 275-5391

GOULD, SIGMUND STANLEY OPH AC
405-B PARKWAY AVE. 71 71 77
GREENSBORO 27410
ST U OF NY-BUFF 919 274-2441

GREEN, ARTHUR GERRISH, III IM /FP AC
1511 WESTOVER TERRACE 73 74 74
GREENSBORO 27408
TULANE U 919 373-1184

GRIER, RAYMOND EDWARD AN AC
4406 WILD OAK LN. 76 78 85
GREENSBORO 27406
YALE 919 275-9741

GROAT, RICHARD ARNOLD PTH AC
1321 N. ELM STREET 52 52 55
GREENSBORO 27401
BOWMAN GRAY 919 274-9005

GROAT, ROBERT LANIER OPH AC
1317 N. ELM ST., STE. #4 70 74 75
GREENSBORO 27401
HARVARD 919 378-1442

GUEST, CHRIS WARREN IM /GP AC
102 POMONA DRIVE 74 75 78
GREENSBORO 27407
U OF OKLAHOMA 919 299-0000

HALL, JOHN HOWLAND D AC
1100 OLIVE STREET 64 64 69
GREENSBORO 27401
DUKE 919 272-3152

HAMBRIGHT, RUFUS ROBERTS OBG AC
1309 N. ELM STREET 50 58 58
GREENSBORO 27401
DUKE 919 273-2563

HARKINS, PAUL DUANE ORS /HS AC
1505 PEMBROKE ROAD 62 63 74
GREENSBORO 27408
U OF PITTSBURGH 919 275-0927

HARRILL, HENRY CLAY U/BLB L/RT
100 ELMWOOD TERRACE 33 33 40
GREENSBORO 27408
JOHNS HOPKINS 919 273-6294

HARRIS, CARLTON MCKENZIE IM AC
1026 PROFESSIONAL VILLAGE 47 48 54
GREENSBORO 27401
BOWMAN GRAY 919 272-7108

HARSHAW, CHARLES WILLIAM, JR. CD /IM AC
P. O. BOX 20928 71 73 78
GREENSBORO 27420
U OF NC 919 275-8581

HASSELL, CHARLES M., JR. PTH /DMP AC
1200 N. ELM STREET 58 58 64
GREENSBORO 27401
U OF PENN 919 379-4074

HATCHER, MARTIN ARMSTEAD N AC
1305 W. WENDOVER AVENUE 62 62 68
GREENSBORO 27408
DUKE 919 275-0779

HAYES, DONALD MICHAEL OM /IM AC
3330 W. FRIENDLY AVE. 54 54 80
GREENSBORO 27410
BOWMAN GRAY 919 379-4610

HELLER, JOEL HARVEY FP AC
603 DOLLY MADISON 73 74 81
GREENSBORO 27410
GEO WASHINGTON U 919 294-6190

HENDERSON, ANITA FP AC
104 E. NORTHWOOD ST. 78 81 82
GREENSBORO 27401
U OF VERMONT 919 275-6445

HENLEY, THOMAS FRANKLIN OBG AC
1309 N. ELM STREET 68 68 76
GREENSBORO 27401
DUKE 919 273-2563

HENSCHEN, GARY MAYES P/PYA AC
606 WALTER REED DR. 75 75 73
GREENSBORO 27403
U OF NC 919 299-0108

HENSEL, WILLIAM ARTHUR FP AC
1200 N. ELM ST. 78 78 84
GREENSBORO 27401
OHIO STATE U 919 379-4035

HENSON, JOSEPH BASCOM, JR. IM AC
1107 W. FRIENDLY AVENUE 45 46 51
GREENSBORO 27401
TEMPLE U 919 274-1567

HERRING, WILLIAM BENJAMIN IM /HEM AC
1200 N. ELM ST. 53 53 60
GREENSBORO 27401
BOWMAN GRAY 919 379-4062

GREENSBORO SOCIETY OF MEDICINE (Continued)

HERTLE, XAVER FRANZ P AC
106 E. NORTHWOOD STREET 50 58 60
GREENSBORO 27401
LUDWIG MAXIMILLI 919 275-1614

HICKLING, WILLIAM HENRY CHN /N AC
1305 W. WENDOVER AVE. 78 81 85
GREENSBORO 27408
CORNELL U 919 275-0779

HIPP, LARRY LEE OM AC
917 FAIRGREEN RD. 62 62 79
GREENSBORO 27410
OHIO STATE U 919 855-0271

HOLDERNESS, HOWARD, JR. PS /GS AC
200 E. NORTHWOOD ST., STE. 400 65 65 81
GREENSBORO 27401
U OF NC 919 275-0919

HOLLANDER, EDWARD MARSHALL OPH AC
522 N. ELAM AVE. 62 62 71
GREENSBORO 27403
U OF WISCONSIN 919 854-0393

HOPPER, WILLIAM FALCON PUD /IM AC
1409 PEMBROKE RD. STE. 200 72 72 77
GREENSBORO 27408
WEST VA U 919 378-1073

HOUSTON, FRANK MATT D AC
1030 PROFESSIONAL VILLAGE 64 69 71
GREENSBORO 27401
LA STATE U 919 373-1383

HUNT, LOUIS DAVID U AC
200 E. NORTHWOOD STREET 61 63 67
GREENSBORO 27401
YALE 919 275-6115

HUNTER, JOHN GRAY GS /CRS AC
1016 PROFESSIONAL VILLAGE 43 43 51
GREENSBORO 27401
U OF PENN 919 274-7998

IMBUS, HAROLD ROGER OM AC
4605-E DUNDAS DRIVE 54 54 70
GREENSBORO 27407
U OF CINCINNATI 919 845-2303

INABNET, WILLIAM BARLOW OTO /PSF AC
100 E. NORTHWOOD STREET 58 64 64
GREENSBORO 27401
LA STATE U 919 275-0507

INGRAM, HAYWOOD MELTON GS AC
1317 N. ELM ST. STE. #5 78 80 85
P. O. BOX 10037
GREENSBORO 27404
BOWMAN GRAY 919 274-8444

INGRAM, ROBERT GREGORY IM AC
1100 OLIVE STREET 81 81 85
GREENSBORO 27401
U OF VIRGINIA 919 378-9906

JACKLIN, HAROLD NORMAN OPH AC
1014 N. ELM STREET 60 68 68
GREENSBORO 27401
SYRACUSE 919 274-2149

JACKSON, FREEMAN RANDOLPH R AC
215 ELMWOOD DRIVE 77 78 83
GREENSBORO 27408
MED COLL OF GA 919 299-6815

JAROSAK, PETER JAMES PD AC
THE SAM RAVENEL CLINIC 72 72 77
1307 W. WENDOVER AVENUE
GREENSBORO 27408
U OF MINN 919 275-6335

JOHNSON, HARRY WALLACE GYN AC
104 W. NORTHWOOD STREET 55 55 63
GREENSBORO 27401
DUKE 919 378-1843

JONES, NORMAN NESBETH GP /GE AC
P. O. BOX 21886 47 49 76
GREENSBORO 27420
HOWARD U 919 274-0097

JOYNER, SAMUEL BALFOUR IM AC
200 E. NORTHWOOD STREET 55 65 65
GREENSBORO 27401
U OF NC 919 274-7609

KAPLAN, RICHARD DAVID OBG AC
408 PARKWAY DR. 75 76 80
GREENSBORO 27401
U OF PENN 919 378-1110

KARB, KENNETH SAMUEL ON /IM AC
1007 PROFESSIONAL VILLAGE 72 72 79
GREENSBORO 27401
U OF VIRGINIA 919 272-2141

KASIK, LEE AN AC
716 COLERIDGE DR. 80 81 83
GREENSBORO 27410
U OF IOWA 919 299-6343

KATZ, JEFFREY DAVID CD /IM AC
1409 PEMBROKE ROAD 76 77 83
GREENSBORO 27408
U OF PENN 919 378-0774

KILPATRICK, GEO. R., JR PUD /IM AC
1106 MCDOWELL DRIVE 68 69 77
GREENSBORO 27408
MEHARRY MED COLL 919 275-7658

KIMBROUGH, HOUSTON M., JR. U/GS AC
1025 PROFESSIONAL VILLAGE 72 72 78
GREENSBORO 27401
U OF VIRGINIA 919 272-3962

KISER, JEFFERSON B., JR. N AC
1910 N. CHURCH ST. 71 72 77
GREENSBORO 27405
MED COLL OF VA 919 273-2511

KITCHENS, THOMAS RUSSELL PS AC
1507 WESTOVER TERR., STE. A 69 69 77
GREENSBORO 27408
MED COLL OF GA 919 373-0566

KOHUT, WALTER DENNIS END /IM AC
1511 WESTOVER TERRACE 73 82 84
GREENSBORO 27408
U OF CINCINNATI 919 373-1054

KRAUS, ERIC MARSHALL OTO /MFS AC
321 W. WENDOVER AVENUE 77 77 84
GREENSBORO 27408
U OF PITTSBURGH 919 379-9445

KREGE, JOHN WILSON ORS AC
1505 PEMBROKE RD. 66 66 77
GREENSBORO 27408
EMORY U 919 275-0927

KRINER, ARTHUR FREDERICK DR AC
P. O. BOX 13005 69 70 79
GREENSBORO 27405
HAHNEMANN 919 379-4141

KWIATKOWSKI, PETER FRANK IM AC
408-B PARKWAY DR. 76 76 83
GREENSBORO 27401
MED COLL OF GA 919 275-9804

LALONDE, JOHN CHARLES FP AC
104 E. NORTHWOOD ST. 75 75 80
GREENSBORO 27401
OHIO STATE U 919 275-6445

LANE, TIMOTHY WALTER ID /IM AC
1200 N. ELM ST. 71 78 85
GREENSBORO 27401
CORNELL U 919 379-4062

LAROCHE, LAURENT P. OM /GPM AC
3303 HENDERSON ROAD 51 51 79
GREENSBORO 27410
MED U OF SC 919 852-3770

LASHLEY, CURTIS RAY OM AC
PILOT LIFE INSURANCE COMPANY 59 59 60
P. O. BOX 20727
GREENSBORO 27420
U OF NC 919 299-4720

LAVENDER, DICK REDMOND ORS AC
201 E. WENDOVER AVENUE 61 61 78
GREENSBORO 27401
BOWMAN GRAY 919 275-6318

LAWRENCE, ROBERT L. OTO /HNS AC
321 W.WENDOVER AVENUE 63 63 73
GREENSBORO 27408
VANDERBILT U 919 379-9445

LAWSON, JAMES DOUGLAS CDS /GS AC
1317 N. ELM ST., STE. 1 74 75 82
GREENSBORO 27401
U OF TENNESSEE 919 373-8245

LEBAUER, EDMUND JOSEPH CD AC
1409 PEMBROKE ROAD 60 60 68
GREENSBORO 27408
DUKE 919 378-0774

LEBAUER, EUGENE SHANER IM /A AC
1409 PEMBROKE ROAD 65 65 81
GREENSBORO 27408
DUKE

LEBAUER, MAURICE LEON GS L/RT
2023 ST. ANDREWS RD. 29 30 32
GREENSBORO 27408
U OF VIRGINIA 919 273-3258

LEBAUER, SAMUEL M. GE /IM AC
1409 PEMBROKE ROAD 67 67 81
GREENSBORO 27408
U OF VIRGINIA 919 378-0774

LEBAUER, SIDNEY FERRING IM L
1409 PEMBROKE DRIVE 29 30 32
GREENSBORO 27408
U OF VIRGINIA 919 378-0774

LEE, J. GARY OTO /HNS AC
321 W. WENDOVER AVENUE 67 68 76
GREENSBORO 27408
U OF IOWA 919 379-9445

LEE, JAMES MOBLEY TS AC
1317 N. ELM ST., STE. 1 58 58 65
GREENSBORO 27401
DUKE 919 373-8245

LENNON, HERSHEL C. PTH L/RT
911 SUNSET DR. 31 31 41
GREENSBORO 27408
U OF PENN 919 272-5038

LEONARD, DONALD DEAN PTH AC
1200 N. ELM STREET 56 63 63
GREENSBORO 27401
CASE WESTERN RES 919 379-4074

LEONE, MICHAEL RALPH GS AC
1317 N. ELM ST., STE. 5 67 68 74
PO BOX 10037
GREENSBORO 27404
JEFFERSON 919 274-8444

LEVITIN, PETER MARK IM /RHU AC
1904 N. CHURCH STREET 69 70 76
GREENSBORO 27405
U OF PENN 919 274-3241

LHOTSKY, DORA MIROSLAVA GE /IM AC
1409 PEMBROKE RD., STE. 200 75 75 85
GREENSBORO 27408
DUKE 919 378-0774

LINDER, DONALD EARLE AN AC
1005 ROLLINGWOOD DRIVE 74 74 77
GREENSBORO 27410
BOWMAN GRAY 919 852-1567

LITTLE, ALFRED BOYD CD /IM AC
1016 N. ELM ST. 78 79 84
GREENSBORO 27401
U OF NC 919 272-6153

LITTLE, EDGAR WATSON PD AC
1307 W. WENDOVER AVE. 71 71 77
GREENSBORO 27408
U OF NC 919 275-8621

LOCKWOOD, MARILYN ANN ADL /PD AC
UNC-G STUDENT HEALTH CTR. 64 64 78
GREENSBORO 27412
ST U OF NY-BUFF 919 379-5340

LOMAX, CHARLES WESTON OBG AC
1507 WESTOVER TERR. 68 69 77
GREENSBORO 27408
BOWMAN GRAY 919 273-0936

LONG, PAUL DEMARS ORS AC
1505 PEMBROKE ROAD 62 62 71
GREENSBORO 27408
U OF MICHIGAN 919 275-0927

LONON, ROBERT WARREN, JR. AN AC
5501 WESTFIELD DR. 69 73 77
GREENSBORO 27410
DUKE 919 373-8555

LOVE, JAMES MCLEAN N/IM AC
2007 LAFAYETTE DRIVE 72 72 81
GREENSBORO 27408
DUKE 919 275-0779

LUND, HERBERT ZACHAREUS PTH /D L
1200 N. ELM ST. 31 32 53
GREENSBORO 27401
U OF PENN 919 379-4074

LUPTON, CARROLL CRESCENT CRS L/RT
3300 STARMOUNT DRIVE 32 32 34
GREENSBORO 27403
TEMPLE U 919 299-9255

LUPTON, EMMETT STEVENSON D L/RT
P. O. BOX 177 38 38 40
ALAMANCE 27201
NEW YORK U 919 228-1288

GREENSBORO SOCIETY OF MEDICINE (Continued)

LUSK, JOHN ALEXANDER, III — ON /IM AC
1007 PROFESSIONAL VILLAGE — 51 58 59
GREENSBORO 27401
U OF ALABAMA — 919 272-2141

LYDAY, RUSSELL OSBORNE — GS L/RT
1610 NOTTINGHAM ROAD — 20 20 27
GREENSBORO 27408
U OF PENN — 919 272-8328

MABRY, EDWARD BLOXTON — OBG AC
1305 W. WENDOVER AVENUE — 53 57 60
GREENSBORO 27408
DUKE — 919 274-6355

MANESS, ARCHIBALD KELLY, JR. — OBG AC
1305 W. WENDOVER AVENUE — 62 62 70
GREENSBORO 27408
U OF PENN — 919 273-3624

MARKS, EDGAR SEYMOUR — IM AC
1100 OLIVE STREET — 45 48 48
GREENSBORO 27401
BOWMAN GRAY — 919 378-9906

MARSHALL, BERNARD ANTHONY — OBG AC
P. O. BOX 21922 — 72 73 81
GREENSBORO 27406
HOWARD U

MARTIN, MATTHEW BRUNSON — GS AC
311 W. WENDOVER AVE. — 79 79 79
GREENSBORO 27408
U OF TEXAS — 919 275-8415

MASSEY, DAVID BARNETT — FP AC
PO BOX 18227 — 82 83 84
GREENSBORO 27419
JEFFERSON — 919 282-4358

MATTHEWS, JOHN DAIL — OPH AC
3312 BATTLEGROUND AVE. — 79 80 85
GREENSBORO 27410
MED U OF SC

MAULTSBY, JAMES A. — ORS /PM AC
200 E. NORTHWOOD ST., STE. 410 — 57 57 69
GREENSBORO 27401
BOWMAN GRAY — 919 373-0312

MAXWELL, JAMES HEATH — DR AC
1708 COLONIAL AVENUE — 78 79 83
GREENSBORO 27408
U OF KENTUCKY — 919 299-6815

MAYER, NORMAN MICHAEL — EM AC
P. O. BOX 29066 — 75 75 82
GREENSBORO 27408
BOWMAN GRAY — 919 379-4040

MAYNARD, DAVID RUSSELL — AN AC
1816 PEMBROKE RD., STE. #2 — 65 65 73
GREENSBORO 27408
DUKE — 919 272-3720

MCALISTER, JEAN COLVIN — PD L/RT
925 NEW GARDEN ROAD, APT. 121 — 33 36 37
GREENSBORO 27410
U OF PENN — 919 855-8489

MCCOMB, JOHN SANFORD — OBG AC
1507 WESTOVER TERR. — 80 83 85
GREENSBORO 27408
BOWMAN GRAY — 919 273-0936

MCGEE, JULIAN MURRILL — GP L/RT
1101 N ELM ST., APT. 508 — 25 27 28
GREENSBORO 27401
U OF PENN — 919 272-0787

MCKEOWN, WILLIAM DAVID — IM /GER AC
1100 OLIVE STREET — 76 76 76
GREENSBORO 27401
BOWMAN GRAY — 919 378-9906

MCPHAIL, SCHUBERT DEAN — OBG AC
1517 N. CHURCH ST. — 63 63 75
GREENSBORO 27408
MED U OF SC — 919 379-8460

MCRAE, MARVIN EVERETT — D L/RT
1009 COUNTRY CLUB DR. — 38 49 49
GREENSBORO 27408
MED COLL OF VA

MCRAE, WILLIAM KENNETH — GP AC
UNC-G STUDENT HEALTH CTR. — 64 64 68
GREENSBORO 27412
BOWMAN GRAY — 919 379-5340

MEDOFF, JEFFREY ROY — GE AC
1409 PEMBROKE RD. — 77 77 85
GREENSBORO 27408
NEW YORK MED COL — 919 378-0774

MEZER, HOWARD CABITT — OBG /END AC
1305 W. WENDOVER AVENUE — 77 78 84
GREENSBORO 27408
TUFTS U — 919 273-2835

MILLER, MARK DANA — P AC
606 WALTER REED DR. — 81 83 86
GREENSBORO 27403
U OF NY-ST BROOK — 919 299-0510

MILLER, STEPHEN MAURICE — FP /EM AC
603 DOLLY MADISON — 74 76 78
GREENSBORO 27410
U OF NC — 919 852-7530

MILLS, WARDELL HARDEE — OPH L/RT
1202 COUNTRY CLUB DRIVE — 40 40 48
GREENSBORO 27408
DUKE — 919 274-3391

MOORE, JOHN ANDREW — IM /RHU AC
1511 WESTOVER TERRACE — 48 54 55
GREENSBORO 27408
MED COLL OF VA — 919 373-0951

MOORE, WILLIAM LOCKE — PD AC
616 PASTEUR DRIVE — 52 52 56
GREENSBORO 27403
HARVARD — 919 292-1353

MORCOS, VICTOR HANNA — P AC
522 N. ELAM AVE., STE. 203 — 64 73 81
GREENSBORO 27403
EIN SHAMS U — 919 854-2391

MORRIS, MARSHALL G., JR. — GS /TS AC
1317 N. ELM ST., STE. 5 — 46 46 52
PO BOX 10037
GREENSBORO 27404
BOWMAN GRAY — 919 274-8444

MORTENSON, RODNEY ALLEN — ORS /HS AC
2017 ST. ANDREWS ROAD — 67 67 74
GREENSBORO 27408
U OF SOU CALIF — 919 275-6318

MURRAY, WILLIAM GRAY — IM L/RT
1608 CARLISLE ROAD — 44 47 48
GREENSBORO 27408
DUKE — 919 274-5155

NADEL, SCOTT MARTIN — IM /PUD AC
1409 PEMBROKE ROAD, STE. 200 — 75 76 82
GREENSBORO 27408
U OF MIAMI — 919 378-0774

NEAL, WILLIAM RONALD — OBG AC
1507 WESTOVER TERR. — 74 74 81
GREENSBORO 27408
U OF NC — 919 273-0936

NEIJSTROM, ERIC SHERWOOD — ON /IM AC
1007 PROFESSIONAL VILLAGE — 76 78 82
GREENSBORO 27401
U OF VIRGINIA — 919 272-2141

NESI, MARC HENRY — U AC
1100 OLIVE ST. — 71 76 85
GREENSBORO 27401
U OF HAITI — 919 373-0871

NEWELL, MCARTHUR — OBG AC
1710 E. BESSEMER AVE. — 73 74 82
PO BOX 21503
GREENSBORO 27420
U OF NC — 919 274-1558

NEWMAN, DAVID HAROLD — GS AC
200 E. NORTHWOOD ST., STE.304 — 80 81 86
GREENSBORO 27401
BOWMAN GRAY — 919 378-9811

NICHOLS, HAROLD ALFONZO — CDS AC
1311 N. ELM ST. STE. #3 — 76 77 86
GREENSBORO 27401
U OF NC — 919 272-3955

NOLAN, CLYDE, JR. — D AC
1100 OLIVE STREET — 74 75 80
GREENSBORO 27401
U OF NC — 919 379-1193

NOWLAN, FAGG BERNARD — FP RT
4308 KIMMRIDGE ROAD — 46 46 49
GREENSBORO 27406
BOWMAN GRAY — 919 674-5100

OLIN, DAVID BAKER — NEP /IM AC
208 W. WENDOVER AVENUE — 68 68 77
GREENSBORO 27401
OHIO STATE U — 919 379-9708

OLSON, BEVERLY — IM /EM AC
UNC-G STUDENT HEALTH CTR. — 71 73 78
GREENSBORO 27412
U OF BOLOGNA — 919 379-5340

OWENS, BERNARD JAMES, III — CDS /GS AC
1017 PROFESSIONAL VILLAGE — 72 73 84
GREENSBORO 27401
ST U OF NEW YORK — 919 274-2933

PANOSH, WANDA KOTVAN — PD /IM AC
ANNA GOVE HEALTH CENTER — 78 82 84
UNC AT GREENSBORO
GREENSBORO 27412
U OF PITTSBURGH — 919 379-5340

PARKER, HERMAN RICHARD, JR. — IM AC
408-B PARKWAY DRIVE — 67 67 73
GREENSBORO 27401
U OF NC — 919 275-9804

PARKER, MICHAEL DEAN — R AC
3404 WYNNEWOOD DRIVE — 68 69 83
GREENSBORO 27408
DUKE — 919 288-2324

PATSEAVOURAS, LOUIE LEE — OTO /PSF AC
522 N. ELAM AVENUE — 61 61 67
GREENSBORO 27403
U OF NC — 919 299-4907

PATTERSON, DAVID READ — GE /IM AC
1409 PEMBROKE RD. — 73 73 79
PO BOX 9778
GREENSBORO 27408
U OF NC — 919 378-0774

PAUL, VINCENT EDGAR — ORS AC
530 N. ELAM AVENUE — 76 76 82
GREENSBORO 27403
U OF NC — 919 292-8824

PELLIGRA, SALVATORE JOHN — PM AC
1200 N. ELM ST. — 81 83 85
GREENSBORO 27401
ALBANY MED COLL — 919 379-3667

PENDSE, PRABHAKAR D. — PDS /GS AC
309 E. WENDOVER AVENUE — 59 60 72
GREENSBORO 27401
U OF BOMBAY — 919 272-6161

PETERSON, LLOYD JOHN — U AC
200 E.NORTHWOOD ST., STE. 302 — 69 73 79
GREENSBORO 27401
NORTHWESTERN U — 919 275-6115

PHILLIPS, ROBERT LEWIS — NS AC
200 NORTHWOOD ST., STE. 206 — 52 54 60
GREENSBORO 27401
JEFFERSON — 919 274-4666

PIERSON, GEORGE HERMAN, JR — R/TR AC
P. O. BOX 13005 — 54 54 73
GREENSBORO 27405
DUKE — 919 379-4140

POOLE, GORDON JOSEPH — DR AC
3106 ST. REGIS ROAD — 64 64 74
GREENSBORO 27408
BOWMAN GRAY — 919 379-4140

PREFONTAINE, J. EDOUARD — OPH L/RT
827 SOUTHEASTERN BLDG. — 27 31 34
GREENSBORO 27401
LAVAL U — 919 272-4455

PRESSON, THOMAS LEMUEL — ORS AC
315 W. WENDOVER AVENUE — 65 65 74
GREENSBORO 27408
U OF NC — 919 275-0724

PRICE, THOMAS BAKER — GS AC
200 E. NORTHWOOD ST., STE. 304 — 64 64 71
GREENSBORO 27401
DUKE — 919 378-9811

RABOLD, LEONARD JAMES — IM L/RT
209 HOMEWOOD AVENUE — 41 48 49
GREENSBORO 27403
VANDERBILT U — 919 379-4025

RAVENEL, SAMUEL DUBOSE — PD AC
1200 N. ELM STREET — 64 64 71
GREENSBORO 27401
DUKE — 919 379-3900

RAY, WALTER CARROLL — GYN AC
311 W. WENDOVER AVENUE — 61 62 67
GREENSBORO 27408
U OF ALABAMA — 919 378-1771

GREENSBORO SOCIETY OF MEDICINE (Continued)

REGISTER, JOHN FRANCIS ORS L
310 ROCKFORD ROAD 31 31 37
GREENSBORO 27401
MED U OF SC 919 274-0161

REID, WILLIAM JOSEPH FP L
2301 DANBURY ROAD 48 49 51
GREENSBORO 27408
NEW YORK MED COL 919 274-6171

RENDALL, JOHN LLOYD, III ORS AC
108 KEMP ROAD, EAST 73 78 80
GREENSBORO 27410
DUKE 919 275-6318

RHOADS, EDWARD JOHN P/PYA AC
606 WALTER REED DR. 75 78 83
GREENSBORO 27403
DUKE 919 299-0511

RICHMAN, SAMUEL DR L
342 N. ELM STREET 27 54 55
GREENSBORO 27401
U OF MINN 919 275-8486

ROBINSON, STEPHEN CARY NS AC
200 E. NORTHWOOD, SUITE 504 67 67 75
GREENSBORO 27401
DUKE 919 272-4578

ROGERS, CHARLES STEWART IM AC
1200 N. ELM STREET 73 73 85
GREENSBORO 27401
U OF NC 919 379-4062

ROGERS, SEYMOUR SHULMAN GS L/RT
1503 ALLENDALE ROAD 36 36 49
GREENSBORO 27408
NEW YORK U 919 273-6695

ROLLINS, HAL JUDD, JR. OPH AC
348 N. ELM STREET 58 58 65
GREENSBORO 27401
DUKE 919 274-4626

ROSEN, RICHARD JAMES IM /HEM AC
1032 PROFESSIONAL VILLAGE 55 65 78
GREENSBORO 27401
GEO WASHINGTON U 919 273-9758

ROSENBERG, STANLEY JOSEPH AN AC
PO BOX 10373 68 69 78
GREENSBORO 27404
U OF MICHIGAN 919 379-4092

ROSS, ALLAN OBG AC
408 PARKWAY 75 79 79
GREENSBORO 27401
U OF PENN 919 378-1110

ROWE, WILLIAM THOMAS RHU /IM AC
1511 WESTOVER TERRACE 69 69 83
GREENSBORO 27408
U OF NC 919 378-1461

RUSKIN, JEROME CD AC
1904 N. CHURCH STREET 60 60 70
GREENSBORO 27405
ALBERT EINSTEIN 919 274-3241

RUSSELL, EUGENE FAIRCHILD,III OBG AC
1309 N. ELM STREET 65 65 75
GREENSBORO 27401
U OF VIRGINIA 919 273-2563

SARDI, CARL ANTHONY OTO AC
7100 BETHLEHEM CHURCH RD. 52 56 56
CLIMAX 27233
TEMPLE U 919 674-2509

SAWYER, JOHN WILSON IM AC
609 WALTER REED DRIVE 52 52 56
GREENSBORO 27403
CASE WESTERN RES 919 299-2815

SCHALL, STEWART ALLAN PDC /PD AC
1200 N. ELM ST. 64 72 86
GREENSBORO 27401
U OF PENN 919 379-4060

SCHUSTER, STEPHEN BARBER AN AC
1816 PEMBROKE RD., STE. #2 80 82 84
GREENSBORO 27408
OHIO STATE U 919 272-3720

SCHWEIZER, DONALD CONRAD GYN AC
1517 N. CHURCH ST. 43 47 48
GREENSBORO 27408
MED COLL OF VA 919 379-8460

SCOTT, CORIDALIA WALD PTH AC
2803 LAKE FOREST DR. 70 77 83
GREENSBORO 27408
U OF PANAMA 919 299-6815

SCOTT, JOHN LAYNE DR /NM AC
2803 LAKE FOREST DR. 67 67 74
GREENSBORO 27408
BOWMAN GRAY 919 855-8972

SEVIER, ROBERT ENGLISH END /IM AC
200 E. NORTHWOOD ST., STE. 312 66 66 75
GREENSBORO 27401
U OF NC 919 274-7609

SHAFER, DONALD THORNTON AN AC
5 MONMOUTH COURT 74 75 77
GREENSBORO 27410
BOWMAN GRAY 919 373-8555

SHAPIRO, MARK THOMAS OPH AC
1311 N. ELM ST. 70 70 85
GREENSBORO 27401
OHIO STATE U 919 378-9993

SHARPLESS, EDWARD ARTHUR PTH AC
DRAWER X-3 61 61 67
GREENSBORO 27402
U OF NC 919 299-6815

SHARPLESS, MARTHA KORNEGAY PD AC
MOSES CONE HOSPITAL 59 59 69
GREENSBORO 27401
U OF NC 919 379-4064

SHELBURNE, PALMER FRIEND CD AC
1011 PROFESSIONAL VILLAGE 55 55 62
GREENSBORO 27401
U OF NC 919 272-6133

SHEPHERD, ROBERT EDWARD DR AC
P. O. BOX 13005 79 80 78
GREENSBORO 27405
BOWMAN GRAY 919 273-0325

SILBER, DAVID LAWRENCE PD AC
1200 N. ELM STREET 57 57 83
GREENSBORO 27401
VANDERBILT U 919 379-4064

SILLMON, DAVID WILDE IM /HEM AC
1511 WESTOVER TERRACE 63 63 71
GREENSBORO 27408
U OF NC 919 373-0611

SIMEL, PAUL JOSEPH OPH AC
111 W. WENDOVER AVENUE 55 61 81
GREENSBORO 27401
BOSTON U 919 275-5673

SINGER, JAMES WILLARD PD AC
1209 MAGNOLIA STREET 61 66 67
GREENSBORO 27401
OHIO STATE U 919 274-0106

SLOTNICK, LAWRENCE SHELDON PUD /A AC
1018 N. ELM STREET 70 72 78
GREENSBORO 27401
ST U OF NEW YORK 919 275-7238

SMITH, DALLAS AARON, JR. R AC
4507 KENBRIDGE DRIVE 76 76 83
GREENSBORO 27410
BOWMAN GRAY 919 854-1311

SMITH, DONALD DEWEY PD AC
1200 N. ELM ST. 60 61 67
GREENSBORO 27401
DUKE 919 379-4025

SMITH, O. NORRIS IM L/RT
202 W. BESSEMER AVENUE 33 33 38
GREENSBORO 27401
U OF PENN 919 273-7494

SMITH, ROY MEADOWS PD L/RT
1002 RIDGECREST DR. 34 34 37
GREENSBORO 27410
U OF PENN 919 292-2643

SMITH, WILLIAM SIEGFRIED, JR. GYN AC
104 W. NORTHWOOD STREET 61 61 68
GREENSBORO 27401
DUKE 919 378-1843

SPANGLER, ERNEST BURTON R AC
DRAWER X-3 52 59 62
GREENSBORO 27402
U OF PENN 919 855-8972

SPARROW, HARRY WARD IM AC
342 N. ELM STREET 44 44 47
GREENSBORO 27401
NORTHWESTERN U 919 275-8436

STAFFORD, WILLIE R., JR. FP /OM AC
948 WALKER AVENUE 56 56 60
GREENSBORO 27403
U OF NC 919 275-7665

STARR, HENRY FRANK, JR. OM AC
3106 ALAMANCE RD. 48 48 51
GREENSBORO 27407
JEFFERSON 919 299-4305

STEUTERMAN, MARY CHRISTINE PTH AC
1200 N. ELM ST. 78 79 85
GREENSBORO 27401
ST LOUIS U 919 379-4074

STEVENS, ELLIOTT WALKER, JR. PUD /AI AC
1018 N. ELM STREET 66 66 73
GREENSBORO 27401
U OF NC 919 275-7238

STEVENS, JOSEPH BLACKBURN IM /N L
102 IRVING PARK CT. 36 40 40
GREENSBORO 27408
DUKE 919 272-7292

STIEFEL, JOSEPH WALTER N AC
1910 N. CHURCH ST. 58 60 66
GREENSBORO 27405
U OF TENNESSEE 919 273-2511

STINSON, HELEN MARIE PS AC
1219 MAGNOLIA STREET 66 66 79
GREENSBORO 27401
U OF TENNESSEE 919 272-3169

STRECK, CHRISTIAN JOHN GS AC
311 W. WENDOVER AVE. 71 76 79
GREENSBORO 27408
U OF FLORIDA 919 275-8415

SUE, SAMUEL ARTHUR, JR. ORS AC
315 W. WENDOVER AVENUE 56 56 64
GREENSBORO 27408
BOWMAN GRAY 919 275-0724

SULLIVAN, DANIEL JAMES IM /OM AC
1601 PEBBLE DR. 43 44 75
GREENSBORO 27410
ST U OF NEW YORK 919 855-1415

SULLIVAN, RAYMOND C., JR. IM /AM AC
1511 WESTOVER TERRACE 69 69 74
GREENSBORO 27408
U OF FLORIDA 919 378-1461

SURAL, RONALD FRANK U AC
1006 PROFESSIONAL VILLAGE 67 68 75
GREENSBORO 27401
U OF MICHIGAN 919 373-8323

SYPHER, ROBERT V., JR. HS /ORS AC
409-E PARKWAY DR. 77 78 85
GREENSBORO 27401
SYRACUSE 919 378-0811

TANNENBAUM, SIGMUND IAN U AC
1904 N. CHURCH STREET 75 76 83
GREENSBORO 27405
DUKE 919 274-1114

TASHJIAN, LOUISE SOPHIE ID AC
1200 N. ELM ST. 79 79 86
GREENSBORO 27401
YALE 919 379-4062

TAYLOR, SHAHANE R., JR OPH AC
348 N. ELM STREET 59 59 63
GREENSBORO 27401
U OF NC 919 274-4626

TENNANT, STANLEY NEAL CD AC
530 N. ELAM AVENUE 78 80 84
GREENSBORO 27403
BOWMAN GRAY 919 299-0111

THACKER, ROBERT KELLER FP AC
603 DOLLEY MADISON 73 74 81
GREENSBORO 27410
U OF FLORIDA 919 294-6190

TOWNSEND, MURPHY FURMAN, JR. IM AC
1007 PROFESSIONAL VILLAGE 61 62 65
GREENSBORO 27401
BOWMAN GRAY 919 272-2141

TROXLER, EULYSS ROBERT ORS L
2314 PRINCESS ANN ST. 38 47 48
GREENSBORO 27408
DUKE 919 288-5521

TRUESDALE, GERALD LYNN PS /GS AC
901 N. ELM ST. 75 79 84
GREENSBORO 27401
U OF CHICAGO 919 274-2757

TURNER, WILLIAM HARRISON, III D/IM AC
1030 PROFESSIONAL VILLAGE 68 68 77
GREENSBORO 27401
MED COLL OF VA 919 373-1384

GREENSBORO SOCIETY OF MEDICINE (Continued)

TYSINGER, JOHN REED /CD AC
1511 WESTOVER TERRACE 70 72 85
GREENSBORO 27408
MED U OF SC 919 373-1562

VATZ, BENJAMIN IM AC
1904 N. CHURCH STREET 45 45 50
GREENSBORO 27405
DUKE 919 274-3241

VAUGHAN, EDWIN WARNER IM /RIP L/RT
2632 WALKER AVENUE 37 40 40
GREENSBORO 27403
U OF VIRGINIA 919 275-8452

VINOD, SHEELA UDAYAN PTH AC
DRAWER X-3 73 77 83
GREENSBORO 27402
U OF BOMBAY 919 299-6815

VOGT, JOEL ALAN P AC
522 N. ELAM AVE., STE. 203 81 81 85
GREENSBORO 27403
TEXAS A/M U 919 854-2391

WAINER, HOWARD SCHEYER IM /GE AC
1904 N. CHURCH STREET 54 54 60
GREENSBORO 27405
BOWMAN GRAY 919 274-3241

WARWICK, HIGHT CLAUDIUS AN L/RT
2320 KIRKPATRICK PLACE 34 34 36
GREENSBORO 27408
MED COLL OF VA 919 272-4220

WEATHERLY, WILLIAM JESSE GS AC
1014 PROFESSIONAL VILLAGE 70 70 81
GREENSBORO 27401
U OF NC 919 373-1078

WEIN, ROBERT MICHAEL OBG AC
408 PARKWAY 72 72 79
GREENSBORO 27401
U OF VIRGINIA 919 378-1110

WEINTRAUB, RICHARD ALAN CD /IM AC
1409 PEMBROKE ROAD 70 71 78
GREENSBORO 27408
GEORGETOWN U 919 378-1244

WEISS, JOSEPH WALTON P AC
522 N. ELAM AVENUE, STE. 203 77 78 85
GREENSBORO 27403
MED COLL OF OHIO 919 854-2391

WEISSMAN, JAMES MICHAEL GE /IM AC
1904 N. CHURCH STREET 70 71 79
GREENSBORO 27405
U OF ILLINOIS 919 274-3241

WELBORN, JULIUS WARREN, JR. IM /OM AC
200 E. NORTHWOOD ST., STE. 310 51 52 52
GREENSBORO 27401
MED U OF SC 919 273-0872

WELLS, RHEUDOLPH JAMES OTO /PS AC
602 PASTEUR DRIVE 56 62 62
GREENSBORO 27403
MED COLL OF VA 919 292-5818

WHITENER, ROBERT WILFONG P AC
1024 PROFESSIONAL VILLAGE 54 54 62
GREENSBORO 27401
NORTHWESTERN U 919 274-1250

WHITFIELD, PETER WHITE ORS AC
201 E. WENDOVER AVE. 74 76 81
GREENSBORO 27401
GEO WASHINGTON U 919 274-1957

WILLIAMS, JOHN DUDLEY, JR. GYN L
1715-A W. MARKET ST. 30 31 59
GREENSBORO 27403
TEMPLE U 919 272-8833

WILSON, CHARLES HARRISON CDS /TS AC
1317 N. ELM ST., STE. 1 73 77 82
GREENSBORO 27401
MED COLL OF VA 919 373-8245

WINTER, KENNETH HOWE R AC
3307 WALDRON DRIVE 75 75 81
GREENSBORO 27408
U OF NC 919 855-8972

WOLFF, GEORGE THOMAS FP AC
1016-A PROFESSIONAL VILLAGE 52 52 56
GREENSBORO 27401
JEFFERSON 919 379-1156

WORLAND, DAVID ERIC AN AC
1816 PEMBROKE RD., STE. #2 74 76 78
GREENSBORO 27408
INDIANA U 919 272-3720

YARBROUGH, JOHN WARD TS AC
2750 LAUREL STREET, STE. 305 67 67 77
COLUMBIA, SC 29204
BOWMAN GRAY 803 254-5140

YOUNG, CLINTON DRIVER PUD /A AC
1018 N. ELM STREET 74 74 81
GREENSBORO 27401
U OF VIRGINIA 919 275-7238

YOUNG, KYLE ALLEN DR AC
P. O. BOX 13005 69 69 73
GREENSBORO 27405
BOWMAN GRAY 919 379-4144

YOUNG, PETER RUSSELL GS AC
1317 N. ELM ST., STE. 5 61 61 69
PO BOX 10037
GREENSBORO 27404
EMORY U 919 274-8444

42. HALIFAX COMPONENT SOCIETY

OFFICERS—**President:** Mario Fiorilli, M.D., Roanoke Rapids (919 535-3001)
Secretary: Amada R. DeVilla, M.D., Roanoke Rapids (919 537-8193)

BISSRAM, GANESH ORS AC
1062 E. TENTH ST. 72 81 85
ROANOKE RAPIDS 27870
U OF WEST INDIES 919 535-3091

BLOWE, RALPH BOYD, SR. FP L
10 WEST 6TH ST. 38 38 41
WELDON 27890

BOONE, JOHN WOODIE, JR. FP AC
120 PROFESSIONAL DRIVE 51 51 54
ROANOKE RAPIDS 27870
BOWMAN GRAY 919 537-9176

BROWN, WILLIAM LEE IM AC
P. O. DRAWER 158 61 61 71
ROANOKE RAPIDS 27870
U OF NC 919 537-0135

BYRD, WILLIAM EUGENE RHU /IM AC
38 KING ST. 70 70 84
WELDON 27890
U OF NC 919 536-2131

BYRUM, GRAHAM VANCE FP /GP AC
P. O. BOX 540 52 52 56
SCOTLAND NECK 27874
BOWMAN GRAY 919 826-3143

CACERES, MARCO ANTONIO GS /TS AC
110 WALTER AVENUE 63 71 76
ROANOKE RAPIDS 27870
U OF HONDURAS 919 537-6525

CHAUDHRY, HASHMAT ALI OPH AC
725-C HAMILTON ST. 69 76 84
ROANOKE RAPIDS 27870
NISHTAR MED COLL 919 537-0522

COVINGTON, JOHN M.C. OPH L/RT
506 FRANKLIN STREET 29 29 33
ROANOKE RAPIDS 27870
U OF VIRGINIA 919 537-3644

DEEPE, ROBERT GS AC
915 W. THIRD ST. 79 80 85
ROANOKE RAPIDS 27870
U OF CINCINNATI 919 535-1585

DEVILLA, AMADA RUIZ OPH AC
115 LONG CIRCLE 79 80 84
ROANOKE RAPIDS 27870
U OF KENTUCKY 919 537-8193

ELMORE, WILLIAM GLENN DR AC
P. O. BOX 249 68 68 75
ROANOKE RAPIDS 27870
DUKE 919 535-2121

FIORILLI, MARIO GRAZIA ID /IM AC
220 SMITH CHURCH ROAD 71 74 81
ROANOKE RAPIDS 27870
U DESACRO CUORO 919 535-3001

FRAZIER, RICHARD ELLIS FP AC
120 PROFESSIONAL DRIVE 62 62 67
ROANOKE RAPIDS 27870
BOWMAN GRAY 919 537-9176

FU, HUNG-JEN GS /TS AC
1060 E. 10TH ST. 61 72 85
ROANOKE RAPIDS 27870
KAOHSIUNG ME COL 919 537-2153

FUSSELL, FITZHUGH LEE, JR. GP AC
120 PROFESSIONAL DRIVE 60 60 65
ROANOKE RAPIDS 27870
U OF NC 919 537-9176

HUNTER, THOMAS TITUS EM AC
207 FOREST HILL MANOR 83 84 82
ROANOKE RAPIDS 27870
U OF NC

JACOB, WILLIAM MITCHELL DR AC
1210 QUAIL COURT 79 83 84
ROANOKE RAPIDS 27870
U OF COLORADO 919 535-8155

JARMAN, FONTAINE GRAHAM, JR. GS L/RT
12 LONGSTREET ROAD 43 52 52
WELDON 27890
MED COLL OF VA 919 536-2884

MANLAPAS, HECTOR CHAN IM AC
P. O. DRAWER 158 63 63 72
ROANOKE RAPIDS 27870
U OF SANTO TOMAS 919 537-0135

PANDARINATH, GUPTA S. GE /IM AC
DRAWER 158 72 75 78
ROANOKE RAPIDS 27870
BANGALORE MED CO 919 537-0135

PATEL, MAHENDRA S. IM /ON AC
240 SMITH CHURCH RD. 76 79 85
ROANOKE RAPIDS 27870
BARODA U 919 537-0134

PORTELA, ANGEL ISMAEL IM AC
220 SMITH CHURCH ROAD 51 62 63
ROANOKE RAPIDS 27870
MED COLL OF VA 919 535-3001

POWER, BHASKAR DAYARAM OTO /A AC
240 SMITH CHURCH ROAD 57 58 84
ROANOKE RAPIDS 27870
U OF BOMBAY 919 535-1411

SHANKER, KASTURI GIRIJA U AC
117 WEST SEVENTH STREET 60 73 78
ROANOKE RAPIDS 27870
MADRAS MED COLL 919 537-0023

SUMPTER, EDWIN ALLEN PD AC
BOX 848 56 56 82
WELDON 27890
U OF VIRGINIA 919 536-2557

TAYLOR, THOMAS JEFFERSON GP L
616 FRANKLIN STREET 34 34 37
ROANOKE RAPIDS 27870
JEFFERSON 919 537-6156

WEATHERS, HARRY HUNTINGTON GS RT
P. O. BOX 879 53 53 59
ROANOKE RAPIDS 27870
BOWMAN GRAY 919 537-6379

WILLIAMS, RHODERICK T., JR DR AC
114 WOODLAND ROAD 67 67 76
ROANOKE RAPIDS 27870
U OF NC 919 535-2121

WOOD, SHERROD NEWBERRY GP AC
111 RAILROAD STREET 50 50 52
ENFIELD 27823
JEFFERSON 919 445-5233

43. HARNETT COMPONENT SOCIETY

OFFICERS—**President:** John O. Midgley, D.O., Dunn
Secretary: Thomas L. Taylor, M.D., Dunn (919 892-7161)

ADAIR, WILLIAM EDWARD, JR. GP /GS L
P. O. BOX 578 38 38 41
ERWIN 28339
TEMPLE U 919 897-5521

BLACKMON, BRUCE BERNARD FP AC
P. O. BOX 8 51 51 53
BUIES CREEK 27506
BOWMAN GRAY 919 893-3543

BUMGARDNER, HEATH DENTON OBG AC
P. O. BOX 1261 42 42 75
DUNN 28334
TEMPLE U 919 892-4131

BYRD, CHARLES WILLIAM FP L/RT
P. O. BOX 698 40 40 47
DUNN 28334
TEMPLE U 919 892-2464

DOFFERMYRE, LUTHER RANDOLPH FP L
P. O. BOX 1011 38 38 39
DUNN 28334
TEMPLE U 919 892-4151

DUNCAN, MARGARETA JOHNSON FP AC
306 W. EDGERTON STREET 56 56 60
DUNN 28334
U OF NC 919 892-2567

DUNCAN, STACY ALLEN, JR. FP AC
306 W. EDGERTON STREET 56 56 60
DUNN 28334
U OF NC 919 892-2151

FELD, LAWRENCE FRANK FP AC
708 TILGHMAN DR. 78 79 86
DUNN 28334
U OF ILLINOIS 919 892-0424

HARBACH, FRANCIS OLIVER U RT
1806 BRYN MAWR 27 27 71
FAYETTEVILLE 28304
SYRACUSE 919 567-2970

JOHNSON, GALE DENNING GS AC
119 LUCKNOW SQUARE 44 44 47
DUNN 28334
JEFFERSON 919 892-7893

LEE, THOMAS CHEN-YAO GS AC
703 TILGHMAN DRIVE 58 58 79
P. O. BOX 1501
DUNN 28334
TAIWAN U-TAIPEI 919 892-1631

LOWE, BARBARA ANN IM AC
700 TILGHMAN DR. 82 83 85
DUNN 28334
U OF NC 919 892-1056

MANN, JOHN ROBERT GP AC
P. O. BOX 548 74 74 79
ERWIN 28339
MED U OF SC 919 897-5561

MISULIA, ANDREW G. FP AC
705 TILGHMAN DR. 81 82 84
DUNN 28334
U OF MARYLAND 919 892-4096

MOORE, WILLIAM DONALD FP AC
P. O. BOX 280 44 47 50
COATS 27521
MED COLL OF VA 919 897-5370

ROBINSON, LINDA MOORE FP AC
COATS MEDICAL CLINIC 76 76 75
P. O. BOX 280
COATS 27521
U OF NC 919 897-5370

SEDDON, JOHN MICHAEL U AC
714 TILGHMAN DR. 67 69 85
DUNN 28334
U OF EDINBURGH 919 892-1068

SEEMAN, BRIAN ANDREW AN AC
702 TILGHMAN DR. 82 83 86
DUNN 28334
ST U OF NEW YORK 919 892-9261

SHULER, JIMMIE BLAKE PD AC
518 EAST H STREET 78 82 83
PO BOX 687
ERWIN 28339
MEHARRY MED COLL 919 897-8061

TAYLOR, THOMAS LEE DR AC
116 JONES DRIVE 53 53 72
DUNN 28334
CORNELL U 919 892-7161

WILLIFORD, JOHN KENNETH FP AC
P. O. BOX 579 46 46 48
LILLINGTON 27546
BOWMAN GRAY 919 893-3392

WILSON, STEPHEN GLENN, SR. GP L/RT
P. O. BOX 158
ANGIER 27501
MED. COLL. OF VA 30 30 32

ZICH, MICHAEL JOHN OBG AC
608 TILGHMAN DR. 75 77 84
DUNN 28334
U OF ILLINOIS 919 892-4092

44. HAYWOOD COMPONENT SOCIETY

OFFICERS—**President:** B. Guy Abbate, M.D., Hazelwood (704 456-8511)
Secretary: Richard Valenziano, M.D., Waynesville (704 456-3511)
Executive Secretary: Debbie Ford, 37 Miami Dr., Waynesville 28786 (704 452-0479)

ABBATE, BRAZIE GUY U AC
116 BALSAM DR. 60 60 73
WAYNESVILLE 28786
U OF LAUSANNE 704 456-8511

BORDER, CLINTON LARRY, JR. GS RT
P. O. BOX 538 52 58 70
WAYNESVILLE 28786
U OF LOUISVILLE 704 452-4500

BRASWELL, WILLIAM KELLEY GS /TS AC
MIDWAY MEDICAL CENTER 77 78 81
P. O. BOX 1409
CANTON 28716
U OF MIAMI 704 627-2211

BROWN, ALAN REID DR L/RT
105 TIMOTHY LANE 41 53 53
WAYNESVILLE 28786
U OF MICHIGAN 704 452-5578

BROWN, GEORGE WALLACE FP AC
102 BROWN AVENUE 54 54 58
HAZELWOOD 28738
U OF NC 704 456-6021

CALLAGHAN, WILLIAM M. OBG AC
1600 N. MAIN ST. 81 84 85
WAYNESVILLE 28786
OHIO STATE U 704 456-7369

CAMP, EDWARD HAYS GS L/RT
112 BALSAM DRIVE 39 50 51
WAYNESVILLE 28786
U OF CHICAGO 704 456-9858

CYNN, STEVEN JAE FP /GYN AC
102 HOSPITAL DRIVE 61 74 83
CLYDE 28721
YONSEI U 704 452-0611

DENNIS, KENNETH MICHAEL PD /ADL AC
1 SMATHERS STREET 74 77 78
CLYDE 28721
U OF FLORIDA 704 627-9226

DICKERSON, ANDREW JACKSON GS /TS AC
1600 N. MAIN STREET 48 49 55
WAYNESVILLE 28786
BOWMAN GRAY 704 452-5101

DIXSON, GEORGE RANDALL DR AC
90 HOSPITAL DR. 76 77 85
CLYDE 28721
DUKE 704 452-2260

DURCH, STEPHEN MICHAEL FP AC
1600 N. MAIN ST. 81 82 86
WAYNESVILLE 28786
U OF WASHINGTON 704 456-3511

DYER, DAVID PATTERSON PD /A AC
2436 ASHEVILLE ROAD 44 58 58
WAYNESVILLE 28786
VANDERBILT U 704 456-9041

EARNEST, ROBERT RHEA PD /ADL AC
107 WOODLAND DRIVE 68 69 74
WAYNESVILLE 28786
EMORY U 704 452-2211

FREEMAN, GEORGE WELLS FP AC
MIDWAY CLINIC 65 65 64
CANTON 28716
BOWMAN GRAY 704 627-2211

GEHWEILER, JOHN ANDREW, JR. R AC
P. O. BOX 231 56 56 68
WAYNESVILLE 28786
DUKE 704 452-1517

GILLIGAN, KENDALL ALLEN EM AC
109 ROBIN LANE 77 77 82
WAYNESVILLE 28786
U OF CALIF-LA 704 456-6021

HAMMETT, JAMES FRANK, JR. AN AC
103 SURREY ROAD 47 48 51
WAYNESVILLE 28786
BOWMAN GRAY 704 456-3112

HARLEY, STEWART JACQUES ORS AC
114 HOSPITAL DRIVE 69 69 77
CLYDE 28721
U OF MICHIGAN 704 452-2218

HILL, STEPHEN THOMAS OBG AC
1600 N. MAIN STREET 80 80 84
WAYNESVILLE 28786
WEST VA U 704 456-7369

LIPHAM, HARRY GLENN PUD /IM AC
102 HOSPITAL DRIVE 76 76 81
CLYDE 28721
BOWMAN GRAY 704 452-0331

MASTERS, MICHAEL JASON D AC
102 HOSPITAL DR. SUITE #6 75 76 83
CLYDE 28721
HAHNEMANN 704 456-7343

MATHEWS, HURSCHELL F. FP /EM AC
ROUTE #1, BOX 564 60 60 80
SYLVA 28779
BOWMAN GRAY 704 586-8352

MCKINNEY, ALEXANDER STUART N AC
102 HOSPITAL DR. 59 60 85
CLYDE 28721
COLUMBIA U 704 452-0331

MILLING, JAMES REAVES EM /FP AC
718 BRUNSWICK DRIVE 55 55 81
WAYNESVILLE 28786
MED U OF SC 704 456-5566

MORRISON, FRANK CRAWFORD GP AC
P. O. BOX 1549, MEDICAL BLDG. 55 55 58
CANTON 28716
U OF NC 704 648-5215

NATHAN, HENRY PAUL IG /IM AC
102 HOSPITAL DRIVE 77 77 83
CLYDE 28721
ALBERT EINSTEIN 704 452-0331

HAYWOOD COMPONENT SOCIETY (Continued)

NERNEY, JOHN JOSEPH — OPH AC: 70 71 78
116 HOSPITAL DRIVE
CLYDE 28721
MED COLL OF GA — 704 452-5816

OWEN, ROBERT HARRISON — ABS /GP L: 31 31 35
127 1/2 MAIN STREET
CANTON 28716
U OF PENN — 704 648-2142

OWEN, WILLIAM BOYD — GP AC: 42 42 46
PO BOX 780
OWEN-SMITH CLINIC, PA
WAYNESVILLE 28786
U OF PENN — 704 456-8601

OWEN, WILLIAM BOYD, JR. — ORS AC: 71 71 78
106 GALLOWAY STREET
WAYNESVILLE 28786
BOWMAN GRAY — 704 452-2207

PASS, MICHAEL WAYNE — FP AC: 79 79 82
1600 N. MAIN STREET
WAYNESVILLE 28786
LSU-SHREVEPORT — 704 456-3511

ROBERSON, ROBERT STUART — PH L: 30 30 32
2216 ASHEVILLE ROAD
WAYNESVILLE 28786
MED COLL OF VA — 704 452-2221

ROGERS, TED — OPH AC: 67 67 73
79 PARAGON PARKWAY
CLYDE 28721
U OF NC — 704 456-9423

SHARPTON, BENNIE REEVES — GS AC: 71 73 80
1600 N. MAIN STREET
WAYNESVILLE 28786
MED COLL OF GA — 704 456-8633

STEVENS, HUGH L. C. — IM /GE AC: 46 46 72
1600 N. MAIN STREET
WAYNESVILLE 28786
TEMPLE U — 704 452-5124

STINES, ERNEST HARRISON — FP AC: 57 57 59
MIDWAY MEDICAL CENTER
CANTON 28716
BOWMAN GRAY — 704 627-2211

STRINGFIELD, JAMES KING — FP AC: 51 51 53
P. O. BOX 900
WAYNESVILLE 28786
JEFFERSON — 704 456-3222

STRINGFIELD, JOHN WILLIAM — FP AC: 80 83 80
102 BROWN AVENUE
HAZELWOOD 28738
DUKE — 704 456-6021

STRINGFIELD, JUDITH SHIMER — FP AC: 80 80 84
102 BROWN AVENUE
HAZELWOOD 28738
MED COLL OF PENN — 704 456-6021

TANNEHILL, JOHN FRANKLIN — OTO /HNS AC: 64 64 77
120 HOSPITAL DRIVE
CLYDE 28721
TULANE U — 704 452-1406

TODD, GARY PRICE — OPH /NTR AC: 67 67 78
112 ACADEMY STREET
WAYNESVILLE 28786
BOWMAN GRAY — 704 456-3505

VALENZIANO, RICHARD JOHN — FP AC: 79 79 83
1600 N. MAIN STREET
WAYNESVILLE 28786
LSU-SHREVEPORT — 704 456-3511

WENZEL, FREDERICK GEORGE — GS AC: 59 66 66
102 HOSPITAL DR., STE. 12
CLYDE 28721
NORTHWESTERN U — 704 456-8624

45. HENDERSON COMPONENT SOCIETY

OFFICERS—**President:** Charles A. Albers, M.D., Hendersonville (704 692-0238)
Secretary: Rodney J. Hawk, M.D., Hendersonville (704 693-0706)

ALBERS, CHARLES ALLEN — GS AC: 76 76 82
835 FLEMING STREET
HENDERSONVILLE 28739
BAYLOR — 704 692-0238

ALEXANDER, WILLIAM MCKINLEY — IM AC: 45 49 54
P. O. BOX 627
HENDERSONVILLE 28739
MED U OF SC — 704 692-7201

AUSTIN, STEPHEN BRAWNER — IM AC: 76 78 79
414 N. CHURCH STREET
HENDERSONVILLE 28739
BOWMAN GRAY — 704 693-1768

BAILEY, JOSEPH PEDEN — EM /FP L/RT: 43 47 48
P. O. BOX 338
FLAT ROCK 28731
MED U OF SC — 704 693-4357

BAKER, EDGAR — FP AC: 62 66 67
510-A FLEMING STREET
HENDERSONVILLE 28739
U OF TENNESSEE — 704 693-9973

BELL, JOHN DAVIS — AN AC: 72 72 77
401 SIXTH AVE. WEST
HENDERSONVILLE 28739
U OF NC — 704 693-7848

BLAKELY, GENE THORNTON — GS AC: 54 54 70
MARGARET PARDEE HOSPITAL
HENDERSONVILLE 28739
TULANE U — 704 693-6522

BROWN, FRANK MAC — ORS AC: 63 64 82
1027 FLEMING STREET
HENDERSONVILLE 28739
LOMA LINDA U — 704 692-5781

BURCH, WILLIAM HOBART — FP AC: 50 53 54
BOX 285, ARCADE BLDG.
LAKE LURE 28746
CASE WESTERN RES — 704 625-9121

CALDEMEYER, JOHN EVERETT — DR AC: 78 78 85
715 FLEMING ST.
HENDERSONVILLE 28739
INDIANA U — 704 693-1441

CASERIO, JAMES JOSEPH — IM AC: 78 79 86
547 N. JUSTICE ST.
HENDERSONVILLE 28739
U OF PITTSBURGH — 704 692-5096

CHANDLER, WILLIAM MARCUS, JR. — R/AM AC: 68 69 79
PARDEE HOSPITAL
HENDERSONVILLE 28739
MED COLL OF GA — 704 693-6522

CHIDESTER, AUGUSTUS B. — GYN /OBS L/RT: 23 55 56
BOX 1017, FOREST HILL DR.
HENDERSONVILLE 28739
SYRACUSE — 704 693-5276

COSGROVE, KENNETH EDWARD — IM /CD AC: 46 53 53
510 7TH AVENUE, WEST
HENDERSONVILLE 28739
NEW YORK U — 704 692-2231

CRAWFORD, JOHN LITTLEFIELD,III — OPH AC: 74 74 74
1701 OLD VILLAGE ROAD
HENDERSONVILLE 28739
BOWMAN GRAY — 704 693-1773

DENNISON, HERBERT EUGENE — OBG AC: 61 68 68
630 FIFTH AVENUE, WEST
HENDERSONVILLE 28739
U OF MICHIGAN — 704 692-2258

DOWDESWELL, ROBERT HORTON — PTH AC: 70 70 78
735 SIXTH AVE., WEST
HENDERSONVILLE 28739
MED U OF SC — 704 697-6781

DUNN, JACK NEWTON — U AC: 60 60 72
512 SIXTH AVENUE, WEST
HENDERSONVILLE 28739
MED U OF SC — 704 692-6262

EATON, ROBERT FARRELL — ORS AC: 66 66 76
1027 FLEMING STREET
HENDERSONVILLE 28739
LA STATE U — 704 692-5781

FALVO, SAMUEL CATANZARO — CRS /GS AC: 52 59 59
511 SIXTH AVENUE, WEST
HENDERSONVILLE 28739
GEORGETOWN U — 704 693-9566

FRANCIS, ROBERT DEAN — ORS /HS AC: 77 78 84
1027 FLEMING STREET
HENDERSONVILLE 28739
DUKE — 704 692-5781

GLEATON, HUGH ELBERT, JR. — OPH AC: 65 65 73
643 FIFTH AVENUE, WEST
HENDERSONVILLE 28739
MED COLL OF GA — 704 692-9146

GLENN, DAVID LOCKE, JR. — GS AC: 76 76 85
561 FLEMING ST.
HENDERSONVILLE 28739
MED U OF SC — 704 693-1778

GODEHN, DONALD JOHN, JR., — D AC: 72 75 77
506 PARK HILL CT., STE. #1
HENDERSONVILLE 28739
BOWMAN GRAY — 704 693-0275

GOODFIELD, PETER — CD AC: 79 80 86
510 7TH AVENUE, WEST
HENDERSONVILLE 28739
NEW YORK U — 704 692-2231

HAWK, RODNEY JAMES — OTO AC: 70 71 77
512 PARK HILL CT.
PO BOX 1065
HENDERSONVILLE 28739
U OF PITTSBURGH — 704 693-0706

HENRICHS, CHARLES — FP /EM AC: 74 84 85
205 THOMPSON ST.
HENDERSONVILLE 28739
LOMA LINDA U — 704 693-9632

HILL, PAUL EDWARD — IM /FP AC: 54 54 56
559 N. JUSTICE STREET
HENDERSONVILLE 28739
DUKE — 704 692-0587

HOPKINS, RICHARD GLENN — GP AC: 55 59 83
P.O. BOX 775, WALKER ST.
COLUMBUS 28722
U OF MICHIGAN — 704 894-8266

IRVING, RICHARD CARROLL — AN /GER L/RT: 41 57 58
RT. #9, 2589 HEBRON RD.
HENDERSONVILLE 28739
DUKE — 704 692-9806

JONES, MICHAEL CHARLES — GS AC: 72 72 82
835 FLEMING STREET
HENDERSONVILLE 28739
U OF NC — 704 692-0238

KEPPLER, C. BURTON — AN AC: 65 66 86
334 BROOKSIDE CAMP RD.
HENDERSONVILLE 28739
LOMA LINDA U — 704 692-8688

KING, DUNCAN INGRAHAM C. — FP L: 35 35 37
506 7TH AVENUE, WEST
HENDERSONVILLE 28739
MED U OF SC — 704 693-5331

KINNE, EDMUND RICHARD — OBG AC: 44 45 77
6007 PERCIVAL RD., #1257
COLUMBIA, SC 29206
LOMA LINDA U — 803 782-7727

KIRKLEY, MARGARET ANNE — FP AC: 68 71 76
518 SIXTH AVENUE, WEST
HENDERSONVILLE 28739
U OF EDINBURGH — 704 697-7805

KIRKLEY, SIDNEY EUGENE — IM AC: 66 66 76
518 SIXTH AVENUE, WEST
HENDERSONVILLE 28739
MED U OF SC — 704 697-7805

KRUM, RONALD EUGENE — FP AC: 60 60 70
P. O. BOX 5420
FLETCHER 28732
LOMA LINDA U — 704 687-1416

LATOURETTE, KENNETH ABRAM — PTH L/RT: 39 39 55
P. O. BOX 177
FLAT ROCK 28731
NEW YORK U — 704 692-1641

LENINGTON, KENNETH T. — P AC: 77 77 85
800-A N. FLEMING ST.
HENDERSONVILLE 28739
M C OF WISCONSIN — 704 692-5741

HENDERSON COMPONENT SOCIETY (Continued)

LOVE, DAVID EUGENE OBG AC
65 65 72
FLETCHER HOSPITAL
FLETCHER 28732
LOMA LINDA U 704 687-0122

LUTZ, JAMES DWIGHT AN AC
45 48 49
401 SIXTH AVENUE, WEST
HENDERSONVILLE 28739
DUKE 704 693-9669

MACKEL, DAVID FREDERICK ORS AC
74 74 83
1027 FLEMING STREET
HENDERSONVILLE 28739
INDIANA U 704 692-5781

MCCONNACHIE, CHARLES CHRIS. ORS H
61 61 73
1027 FLEMING STREET
HENDERSONVILLE 28739
U OF LONDON 704 692-5781

MILHOLM, RICHARD LEROY FP AC
63 66 67
2305 ASHEVILLE HIGHWAY
HENDERSONVILLE 28739
LOMA LINDA U 704 692-7122

MORGAN, WILLIAM W., JR. PDS AC
61 61 73
P.O. BOX 15083
ASHEVILLE 28813
U OF NC 704 697-7659

NERNESS, JOHN LAVON OBG AC
63 64 74
513 N. JUSTICE ST.
HENDERSONVILLE 28739
LOMA LINDA U 704 692-0736

PEARSON, ARTHUR A. EM AC
37 37 75
FLETCHER HOSPITAL
FLETCHER 28732
LOMA LINDA U 704 684-8501

PORTER, RICHARD ALLISON FP AC
43 47 48
724 FIFTH AVENUE, WEST
HENDERSONVILLE 28739
CASE WESTERN RES 704 693-5128

POSSINGER, CLIVE FRANCIS, JR. IM AC
65 65 75
P. O. BOX 217
NAPLES 28760
LOMA LINDA U 704 684-1030

PYLES, JERALD DENNIS IM AC
74 77 78
510 7TH AVENUE, WEST
HENDERSONVILLE 28739
DUKE 704 692-2231

RAIFORD, FLETCHER LINDSAY PD L
41 51 51
1023 FOREST HILL RD.
HENDERSONVILLE 28739
MED COLL OF VA 704 693-3296

ROMEO, BRUNO JOSEPH IM /NM AC
42 51 53
501 SIXTH AVENUE, WEST
HENDERSONVILLE 28739
NEW YORK U 704 693-3483

ROSS, JOHN MARION OBG AC
55 55 63
630 FIFTH AVENUE, WEST
HENDERSONVILLE 28739
MED U OF SC 704 692-2258

SACCO, RUSSELL JOHN IM AC
47 48 76
506 PARK HILL COURT
HENDERSONVILLE 28739
ST U OF NY-BUFF 704 692-3538

SANDBORN, WILLIAM DEAL AC
65 67 73
P. O. BOX 5400
FLETCHER 28732
LOMA LINDA U 704 687-1418

SELLERS, PHILLIP ALAN IM AC
57 57 64
510 7TH AVENUE, WEST
HENDERSONVILLE 28739
BOWMAN GRAY 704 692-2231

SHEALY, FRED GRAY, JR. GS /VS AC
72 72 78
561 FLEMING STREET
HENDERSONVILLE 28739
MED U OF SC 704 693-1778

SHETTERLY, ROGER DAVIS OPH AC
67 67 75
1027-B FLEMING STREET
HENDERSONVILLE 28739
U OF CINCINNATI 704 693-4161

SIGMON, LEE MERRELL PTH /DMP AC
72 73 81
121 TIMBER CREEK ROAD
HENDERSONVILLE 28739
MED U OF SC 704 693-6522

SMOLOWITZ, EDWIN LARRY U AC
75 76 84
8 LAKE DRIVE
HENDERSONVILLE 28739
MED COLL OF VA 704 697-0527

SPENGLER, JOHN ROBERT R AC
53 65 66
PARDEE MEMORIAL HOSPITAL
HENDERSONVILLE 28739
ST LOUIS U 704 693-6522

STOUT, JAMES STEVENS OM /EM AC
57 57 75
E.I. DUPONT DENEMOURS, INC.
BREVARD 28712
MED COLL OF GA 704 885-5349

STRICKLAND, WILLIAM HERMAN,JR. FP AC
54 54 57
510 FLEMING STREET
HENDERSONVILLE 28739
BOWMAN GRAY 704 692-8410

THOMAS, COLIN EDWARD U AC
67 67 74
512 SIXTH AVENUE, WEST
HENDERSONVILLE 28739
LA STATE U 704 692-6262

VANDERWERF, JOSEPH NELSON FP AC
73 74 84
611 FIFTH AVE., WEST
HENDERSONVILLE 28739
GEO WASHINGTON U 704 692-5068

VEAZEY, ALEX H., JR. FP AC
51 51 56
501 SIXTH AVE., W., STE. C
HENDERSONVILLE 28739
U OF PENN 704 692-8511

VEAZEY, DANIEL BURT FP AC
81 82 85
611 FIFTH AVE., WEST
HENDERSONVILLE 28739
U OF NC 704 692-7111

WALKER, ROBERT WAYNE IM AC
82 82 86
510 7TH AVENUE, WEST
HENDERSONVILLE 28739
INDIANA U 704 692-2231

WEADON, PRESTON STENZ NS RT
41 51 82
475 KING WILLIAM ROAD
HENDERSONVILLE 28739
CORNELL U 704 697-6857

WILLIAMS, JOHN HOWARD R AC
64 69 73
PARDEE MEMORIAL HOSPITAL
HENDERSONVILLE 28739
BAYLOR 704 693-0797

WYMAN, JOHN SHELDON EM /IM AC
36 36 74
715 FLEMING ST.
HENDERSONVILLE 28739
U OF MICHIGAN 704 693-6522

ZULICK, PHILIP DIEFENDERFER EM AC
40 40 69
BAT CAVE 28710
U OF PENN 704 625-4233

40. HIGH POINT MEDICAL SOCIETY

OFFICERS—**President:** L. Lyle Smith, M.D., High Point (919 883-4131)
Secretary: Stephen R. Uhlin, M.D., High Point (919 885-8333)
Executive Director: Mr. James H. Busick, 612 Pasteur Dr., Ste. 404, Greensboro 27403 (919 854-1563)

ADERHOLDT, MARCUS LAFAYETTE PD L
43 43 49
624 QUAKER LANE, SUITE 100-A
HIGH POINT 27262
U OF MARYLAND 919 882-4187

AKERS, RICHARD ELBERT U AC
59 59 70
624 QUAKER LANE
HIGH POINT 27262
U OF TENNESSEE 919 886-5151

ARNOLD, GORDON BRUCE IM AC
62 62 72
624 QUAKER LANE, STE. 213-B
HIGH POINT 27262
NORTHWESTERN U 919 883-4132

ARTHUR, ROBERT KEY OBG AC
51 57 57
P. O. BOX 5128
HIGH POINT 27262
U OF MARYLAND 919 887-3011

AUMAN, EDWIN LEWIS IM AC
55 55 61
624 QUAKER LANE, SUITE 210-A
HIGH POINT 27262
BOWMAN GRAY 919 841-8822

AVERETT, LELAND STANLEY, JR. FP AC
54 54 55
700 N. ELM STREET
HIGH POINT 27262
U OF NC 919 882-1324

BARDELAS, JOSE ANTONIO, JR. A/PD AC
73 75 77
100 WESTWOOD AVE.
HIGH POINT 27262
JOHNS HOPKINS 919 883-1393

BENNETT, HERRON KENT OBG AC
52 52 54
P. O. BOX 5128
HIGH POINT 27262
BOWMAN GRAY 919 887-3011

BENSON, JOHN FISHER RHU /IM AC
47 55 55
318 WESTWOOD AVENUE
HIGH POINT 27262
U OF MARYLAND 919 882-2515

BICKLEY, SAMUEL TAYLOR FP AC
61 61 63
P. O. BOX 5168
HIGH POINT 27262
BOWMAN GRAY 919 885-2118

BIESECKER, GARY LEROY GS AC
68 68 77
624 QUAKER LN., STE. C-101
HIGH POINT 27262
U OF NEBRASKA 919 883-1348

BLAYLOCK, RUSSELL LANE NS AC
71 71 78
P. O. BOX 5388
HIGH POINT 27262
LA STATE U 919 889-4810

BRIGMAN, PAUL HAMER EM AC
54 54 55
2807 EARLHAM PLACE
HIGH POINT 27263
U OF NC 919 431-3875

BROOKS, RALPH ELBERT, JR. U AC
55 55 62
624 QUAKER LANE, SUITE D-100
HIGH POINT 27262
U OF NC 919 886-5151

BURAPAVONG, THAVIJ DAVID PS /GS AC
69 74 77
416 GATEWOOD AVENUE
HIGH POINT 27260
CHIENGMAI U 919 882-2531

BUSBY, JULIAN GOODE, JR. OBG AC
70 75 77
307 N. LINDSAY ST.
HIGH POINT 27260
U OF NC 919 885-0149

CANIPE, TOMMIE LEE GS /TS AC
59 59 67
P. O. BOX 5229
HIGH POINT 27262
BOWMAN GRAY 919 887-3164

CARR, RAYMOND EDWARD GS /TS AC
62 73 75
624 QUAKER LN., STE. C-101
HIGH POINT 27262
ALBANY MED COLL 919 883-1348

CHALFA, NICOLAI AN AC
76 77 84
P. O. BOX 1864
HIGH POINT 27261
U OF FLORIDA 919 882-2567

CHILES, NOAH HAMPTON IM AC
44 48 56
501 WESTWOOD AVENUE
HIGH POINT 27262
U OF LOUISVILLE 919 882-3911

CHUNG, ZUN SUB GP /EM AC
65 75 76
2926 S. MAIN STREET
HIGH POINT 27263
KOREA U 919 434-3118

CLOUTIER, MICHAEL R AC
73 74 85
1005 SHAMROCK RD.
HIGH POINT 27260
U OF LOUISVILLE 919 887-1926

COUGHLIN, PAUL WM. FITZHENRY U AC
78 80 85
624 QUAKER LANE, D-100
HIGH POINT 27262
U OF NC 919 886-5151

COX, RONNIE LEWIS /CD AC
61 61 70
624 QUAKER LANE
HIGH POINT 27262
DUKE 919 885-2111

HIGH POINT MEDICAL SOCIETY (Continued)

CRAWFORD, ROBERT CECIL, JR. OBG AC
65 65 74
P. O. BOX 5543
HIGH POINT 27262
DUKE 919 889-5422

CROOM, ARTHUR BASCOM R L
40 46 46
P. O. BOX 5007
HIGH POINT 27262
MED COLL OF VA 919 882-4915

CROSS, ALMON RUFUS OBG L/RT
38 47 47
414 HILLCREST DRIVE
HIGH POINT 27262
DUKE 919 884-1236

CROSS, ROBERT VANDERVOORT GYN AC
47 53 53
P. O. BOX 5128
HIGH POINT 27262
U OF PITTSBURGH 919 887-3011

CROWELL, CHARLES CARLOS, III CD /IM AC
72 72 77
624 QUAKER LN., STE. 103-C
HIGH POINT 27262
BOWMAN GRAY 919 885-6168

CULLOM, JOSEPH WILLIAM GS AC
73 73 84
624 QUAKER LN., STE. 200-C
PO BOX 5229
HIGH POINT 27262
MED U OF SC 919 887-3164

DONALD, WILLIAM BLANTON, JR. OPH AC
52 52 56
624 QUAKER LANE, SUITE 202-C
HIGH POINT 27262
BOWMAN GRAY 919 884-2242

DOUGLASS, DONALD PERRY GS /TS AC
53 53 61
P. O. BOX 5229
HIGH POINT 27262
BOWMAN GRAY 919 887-3164

ERDIN, ROBERT ALEXANDER, JR. CD /IM AC
73 75 78
624 QUAKER LN., STE. 103-C
HIGH POINT 27262
MED COLL OF GA 919 885-6168

ERRICO, JAMES MELTON OPH AC
64 64 72
100 WESTWOOD AVENUE
HIGH POINT 27262
JOHNS HOPKINS 919 889-2323

FARABOW, WILLIAM SIDNEY OBG AC
63 63 71
400 N. ELM ST.
HIGH POINT 27260
EMORY U 919 889-4353

FARRINGTON, JOHN KIRBY OBG AC
57 57 65
307 N. LINDSAY ST.
HIGH POINT 27262
U OF NC 919 885-0149

FINCHER, ROBERT CHARLES, JR. P/PH L/RT
44 48 55
107 SPENCER STREET
HIGH POINT 27260
MED U OF SC 919 889-5511

FITZPATRICK, HUGH, III EM AC
50 51 52
117 S. MAIN ST.
ASHEBORO 27203
MED COLL OF VA 919 454-1166

FLETCHER, RICHARD VAN OBG AC
74 74 86
400 N. ELM ST.
HIGH POINT 27260
VANDERBILT U 919 882-8163

FLYTHE, WILLIAM HENRY IM L
33 33 37
1131 GATEHOUSE ROAD
HIGH POINT 27260
VANDERBILT U 919 882-8933

FORTNEY, AUSTIN POWELL IM AC
46 51 52
P. O. BOX 579
JAMESTOWN 27282
EMORY U 919 454-3151

FULTON, JAMES WALKER OBG AC
57 57 63
400 N. ELM ST.
HIGH POINT 27260
DUKE 919 889-4353

GALLEMORE, WARREN GHOLSON IM AC
75 76 79
P. O. BOX 5904
HIGH POINT 27262
MED COLL OF GA 919 889-1191

GEDDIE, KENNETH BAXTER PD L/RT
21 21 23
1121 N. ROTARY DR.
HIGH POINT 27262
JEFFERSON 919 882-4171

GENIEC, PAUL OTO /PS AC
64 64 70
P. O. BOX 5666
HIGH POINT 27262
U OF UTAH 919 885-0071

GILL, KENNETH ARNOLD, JR. D/DMP AC
58 58 69
624 QUAKER LN,STE,302,BLDG B
HIGH POINT 27262
MED COLL OF VA 919 887-3195

GRAY, CYRUS LEIGHTON R L
37 37 40
P. O. BOX 5007
HIGH POINT 27262
DUKE 919 887-1955

HARRELL, WADE WHITLEY OPH AC
59 59 64
319 WESTWOOD AVENUE
HIGH POINT 27262
U OF NC 919 883-7867

HARRISS, WILLIAM FRED R AC
66 66 74
P. O. BOX 5007
HIGH POINT 27262
BOWMAN GRAY 919 884-6037

HAWKS, AL NELSON FP AC
79 80 76
312 N. ELM STREET
HIGH POINT 27260
BOWMAN GRAY 919 889-6664

HAWORTH, CHESTER CARL, JR. N/IM AC
63 63 71
624 QUAKER LANE, SUITE 211-B
HIGH POINT 27262
DUKE 919 889-1496

HIGGINS, LLOYD MALCOLM PTH AC
55 55 72
221 HILLCREST DRIVE
HIGH POINT 27262
LA STATE U 919 883-7047

HOFFMAN, CARL MAURICE OBG AC
67 68 76
307 N. LINDSAY STREET
HIGH POINT 27262
U OF MIAMI 919 885-0149

HOWELL, HARRY SLADE, JR. GS /CDS AC
68 68 76
624 QUAKER LANE, SUITE 116-B
HIGH POINT 27262
BOWMAN GRAY 919 886-4552

HUNT, WILLIAM JACK IM L
43 43 49
720 FERNDALE BLVD.
HIGH POINT 27260
U OF MARYLAND 919 882-9814

HUSSEY, MICHAEL BRUSH NS AC
61 61 71
P. O. BOX 5388
HIGH POINT 27262
U OF VIRGINIA 919 889-3242

INGRAM, CHARLES HAL GS AC
43 43 49
624 QUAKER LANE, SUITE 116-B
HIGH POINT 27262
U OF MARYLAND 919 886-4552

JARRETT, THOMAS EDWARD IM AC
78 78 83
624 QUAKER LANE, #205A
HIGH POINT 27262
MED U OF SC 919 885-2111

JENNINGS, ROYAL GREEN D AC
45 46 54
624 QUAKER LANE, SUITE 302-B
HIGH POINT 27262
BOWMAN GRAY 919 887-3195

JOHNSON, JAMES ALFRED NS AC
58 58 67
606 N. ELM ST.
HIGH POINT 27262
DUKE 919 889-8877

JOYCE, GEORGE WILLIAM IM /NEP AC
60 60 68
624 QUAKER LANE, SUITE 213-B
HIGH POINT 27262
BOWMAN GRAY 919 883-4131

KEEVER, RICHARD ALAN OTO AC
69 69 77
624 QUAKER LN., STE. 301-D
HIGH POINT 27262
U OF NC 919 883-1366

KOCHEKIAN, KAREN LORRAINE PD AC
82 84 86
624 QUAKER LANE, STE. A-201
HIGH POINT 27262
EAST CAROLINA U 919 841-7952

LAUER, THOMAS EUGENE P AC
77 79 81
624 QUAKER LN., STE. A-111
HIGH POINT 27262
U OF NC 919 889-4122

LEWIS, CLIFFORD WHITFIELD OBG /OBS L
30 30 31
322 WOODROW AVENUE
HIGH POINT 27262
MED COLL OF VA 919 882-2830

LYNCH, JOHN FRANKLIN, JR. PD L/RT
44 44 48
905 ARBORDALE DR.
HIGH POINT 27260
JEFFERSON 919 886-4049

MARKHAM, ROBERT WADE D AC
63 63 71
624 QUAKER LANE, SUITE 302-B
HIGH POINT 27262
DUKE 919 887-3195

MARLOWE, JAMES MANNING ORS AC
60 60 68
624 QUAKER LANE, SUITE D-200
HIGH POINT 27262
U OF NC 919 841-6262

MARTIN, WELLS, III DR AC
76 79 83
HIGH POINT MEM.HOSP.,-RAD.
HIGH POINT 27260
U OF CINCINNATI 919 887-2551

MATTHEWS, KAREN ROMAINE GP AC
81 82 83
2721 CARDIFF CT.
WINSTON-SALEM 27103
BOWMAN GRAY 919 434-4007

MCFALLS, VERNON WENDELL PD AC
58 58 61
624 QUAKER LANE, SUITE 100-A
HIGH POINT 27262
U OF NC 919 882-4187

MICHAL, WILLIAM NORWOOD, JR. PD AC
60 60 67
624 QUAKER LANE, SUITE 200-A
HIGH POINT 27262
U OF NC

MILLER, IRA BEN IM AC
46 46 51
110 CHURCH STREET
HIGH POINT 27260
BOWMAN GRAY 919 884-5888

NEWELL, ROBERT B. GS /EM L/RT
36 36 57
EMERALD ISLE, RT. 1, BOX 949-E
MOREHEAD CITY 28557
ST U OF NY-BUFF 919 354-3152

NOAH, HUGH BRYAN ORS /HS AC
66 66 76
624 QUAKER LANE, SUITE D-200
HIGH POINT 27262
BOWMAN GRAY 919 841-6262

PARKS, WILLIAM CRAIG IM L
38 38 40
624 QUAKER LANE, SUITE 207-A
HIGH POINT 27262
MED U OF SC 919 841-4233

PICKLESIMER, FRED LEON OTO AC
66 66 75
624 QUAKER LANE, STE. 300-B
HIGH POINT 27262
BOWMAN GRAY 919 883-1366

PLOWDEN, JAMES FRANCIS ON /HEM AC
73 73 79
P. O. BOX 5904
HIGH POINT 27262
MED U OF SC 919 889-1191

POLLOCK, NELSON EARL IM AC
75 77 79
P. O. BOX 5904
HIGH POINT 27262
MED COLL OF GA 919 889-1191

RAKESTRAW, SAMUEL HARVEY EM /FP AC
76 77 80
4620 LAKE JEANETTE ROAD
GREENSBORO 27408
U OF NC 919 288-8600

ROBERSON, VIRGIL ODELL, III AN AC
71 71 77
502 LINDSAY ST.
PO BOX 2324
HIGH POINT 27261
U OF NC 919 882-2567

ROBINSON, JAMES THOMAS, JR. FP AC
55 57 58
1124 E. LEXINGTON AVENUE
HIGH POINT 27262
MED COLL OF VA 919 882-1606

ROSTAND, ROBERT ALTON IM /PUD AC
72 74 78
624 QUAKER LANE, STE. B211
HIGH POINT 27262
TUFTS U 919 889-1496

ROWE, CHARLES EUGENE, JR. U AC
65 65 72
624 QUAKER LANE, SUITE D-100
HIGH POINT 27262
U OF VIRGINIA 919 886-5151

RUEHLE, STEPHEN SAMUEL IM AC
76 76 82
624 QUAKER LANE
HIGH POINT 27261
OHIO STATE U 919 841-4233

SHULL, KENNETH CASTLES GS /CDS AC
73 74 79
P. O. BOX 5229
HIGH POINT 27262
MED U OF SC 919 887-3164

HIGH POINT MEDICAL SOCIETY (Continued)

SLATE, MARVIN LONGWORTH FP L/RT
807 PARKWOOD CIRCLE 31 31 34
HIGH POINT 27260
U OF MARYLAND 919 883-9756

SMITH, LAFAYETTE LYLE IM AC
624 QUAKER LANE, SUITE 213-B 72 73 77
HIGH POINT 27262
MED U OF SC 919 883-4131

STONE, GRADY MITCHELL IM AC
1504 TRAFALGAR COURT 75 77 80
HIGH POINT 27262
U OF NC 919 883-4131

TERRELL, SARA E. HAWORTH IM AC
624 QUAKER LANE, STE 211-B 53 53 57
HIGH POINT 27262
DUKE 919 841-4233

TERRELL, THOMAS EUGENE IM AC
624 QUAKER LN., STE. 207-C 53 53 57
HIGH POINT 27262
DUKE 919 841-4233

TESTER, RICHARD DEAN R/NM AC
P. O. BOX 5007 58 61 64
HIGH POINT 27262
MED COLL OF VA 919 883-6716

TYSON, WOODROW WILSON IM /CD L
1114 FERNDALE DRIVE 35 35 38
HIGH POINT 27260
MED COLL OF VA 919 882-6130

UHLIN, STEPHEN RICHARD D/IM AC
624 QUAKER LANE, 302-B 70 70 78
HIGH POINT 27262
OHIO STATE U 919 885-8333

VELAT, CLARENCE ANTHONY PTH /CLP AC
601 N. ELM ST. 46 62 63
HIGH POINT 27261
ST LOUIS U 919 884-6065

WALKER, GEORGE MARSHALL, II CDS AC
624 QUAKER LANE, STE. 116-B 76 79 84
HIGH POINT 27262
U OF VERMONT 919 886-4552

WARBURTON, KEELING ALFRED OBG AC
P. O. BOX 5128 63 63 70
HIGH POINT 27262
U OF MICHIGAN 919 887-3011

WARBURTON, MARK JOSEPH ORS AC
624 QUAKER LANE, SUITE D-200 76 76 82
HIGH POINT 27262
BOWMAN GRAY 919 885-5095

WELLER, EDWARD BROOKS ORS AC
624-D 200 QUAKER LANE 79 84 85
HIGH POINT 27262
U OF LOUISVILLE 919 885-5095

WIDNER, LARRY ALLEN R AC
1310 KENSINGTON DR. 73 73 85
HIGH POINT 27260
U OF VIRGINIA 919 887-1926

ZARITZKY, DAVID RON R AC
P. O. BOX 6146 74 75 84
HIGH POINT 27262
U OF FLORIDA 919 887-2551

47. HOKE COMPONENT SOCIETY

OFFICERS—**President:** Robert Townsend, Jr., M.D., Raeford (919 875-5101)
Secretary: Ramniklal J. Zota, M.D., Raeford (919 875-8106)

BARTH, GEORGE BITTMAN, II FP AC
405 S. MAIN ST. 82 83 85
P. O. BOX 665
RAEFORD 28376
NJ COLL OF MED 919 875-5101

JORDAN, RILEY MOORE FP AC
116 CAMPUS AVENUE 51 51 53
RAEFORD 28376
BOWMAN GRAY 919 875-5151

RICHARDSON, LUCILE WELSH PUD /IM AC
355 PEACH STREET 43 56 57
PINEBLUFF 28373
MED COLL OF VA 919 281-3236

RICHER, CHARLOTTE MARTHA PUD /PD AC
DIV. OF HEALTH SERVICES 46 62 63
STE. 506, WACHOVIA BLDG.
FAYETTEVILLE 28301
U OF HEIDELBERG 919 486-1191

STEININGER, WILBUR JAMES PUD /IM AC
2625 E. SOUTHERN AVE. C140 43 43 69
TEMPE, AZ 85282
WAYNE STATE U 602 831-3797

†STULL, EVELYN LOUISE PUD /IM AC
355 PEACH STREET 42 56 57
DECEASED -- 5-14-86
PINEBLUFF 28373
MED COLL OF VA 919 281-3236

TOWNSEND, ROBERT GLENN, JR. FP AC
405 S. MAIN ST. 61 64 64
PO BOX 665
RAEFORD 28376
U OF LOUISVILLE 919 875-5101

ZOTA, RAMNIKLAL JECHAND FP AC
116 CAMPUS AVENUE 71 71 75
RAEFORD 28376
BARODA U 919 875-8106

49. IREDELL COMPONENT SOCIETY

OFFICERS—**President:** Charles A. Bevis, M.D., Statesville (704 872-7676)
Secretary: Roger L. Roark, M.D., Statesville

ABELL, JAMES CURTIS PD AC
925 THOMAS STREET 66 66 73
STATESVILLE 28677
U OF NC 704 872-9595

ADAMS, RICHARD WESLEY ORS AC
770 HARTNESS ROAD 62 63 68
STATESVILLE 28677
BOWMAN GRAY 704 873-1851

ALFORD, JAMES DAVID GS /TS AC
427 E. STATESVILLE AVENUE 66 66 81
MOORESVILLE 28115
U OF NC 704 663-4065

BANKOV, ROBERT WILLIAM EM AC
519 MARGARET ROAD 78 78 86
STATESVILLE 28677
U OF SOU ALA 704 872-3339

BARKER, ROGER WILLIAM OTO /HNS AC
702 HARTNESS ROAD 67 69 74
STATESVILLE 28677
U OF TENNESSEE 704 873-5224

BENTLEY, RALPH LUTHER PD AC
332 N. CENTER STREET 60 60 67
STATESVILLE 28677
U OF NC 704 878-2011

BEVIS, CHARLES ALAN ORS AC
1835 DAVIE AVE., STE. 415 69 69 74
STATESVILLE 28677
BOWMAN GRAY 704 872-7676

BOWEN, BENJAMIN CURETON FP AC
PO BOX 1460 63 63 69
STATESVILLE 28677
MED U OF SC 704 878-2011

BOYD, RICHARD ARMISTEAD OBG AC
STATESVILLE MEDICAL GROUP 56 56 63
PO BOX 1460
STATESVILLE 28677
U OF NC 704 878-2011

BRADFORD, JAMES HEDRICK CD /IM AC
1708-A DAVIE AVENUE 75 75 81
STATESVILLE 28677
BOWMAN GRAY 704 873-1189

BRINTON, LEWIS FLOYD GS /GYN AC
603 E. CENTER AVE. 58 63 65
PO BOX 550
MOORESVILLE 28115
NEW YORK MED COL 704 664-1414

BROWN, ROBERT CALVIN CLP AC
P.O. BOX 5686 59 59 70
STATESVILLE 28677
U OF NC 919 378-2809

CALDWELL, ESTON ROBERT, JR. IM RT
RT. 2, BOX 230-F 45 45 53
TROUTMAN 28166
BOWMAN GRAY 704 872-5178

CALHOUN, AUBREY DANIEL IM AC
435 E. STATESVILLE AVE. 83 84 86
MOORESVILLE 28115
U OF NC 704 663-4443

CAMPBELL, FRANCIS MICHAEL GS AC
503 E. STATESVILLE AVE. 79 81 86
MOORESVILLE 28115
MED U OF SC 704 663-7905

CANUPP, TONY WAYNE IM AC
515 E. STATESVILLE AVENUE 73 73 73
MOORESVILLE 28115
BOWMAN GRAY 704 663-5566

CASH, DAVID WAYNE FP AC
310 DAVIE AVE. 82 83 80
STATESVILLE 28677
U OF NC 704 873-3269

CAUSEY, ANDREW JACKSON OPH /OTO AC
310 N. CENTER STREET 43 46 56
STATESVILLE 28677
VANDERBILT U 704 873-8337

CHERRY, WILLIAM HILL, JR. OBG AC
519 BROOKDALE DR. 56 56 81
STATESVILLE 28677
MED COLL OF GA 704 873-6483

COFFEY, ROBERT TUTTLE P /GP AC
ROUTE #6, BOX 846 53 54 54
MOORESVILLE 28115
GEO WASHINGTON U 704 664-6393

DICKEY, RICHARD ALLEN END /RHU AC
316 GLENEAGLES EAST 63 63 84
STATESVILLE 28677
COLUMBIA U 704 878-2011

DONATELLI, FRANK JOSEPH FP /EM AC
RT. #10, BOX 278 65 66 81
STATESVILLE 28677
TEMPLE U 704 663-1300

DUNLAP, BENJAMIN EMERSON FP AC
925-C THOMAS STREET 63 63 69
STATESVILLE 28677
U OF NC 704 872-7636

ECKLEY, GEORGE MORGAN, JR. IM AC
110-P STOCKTON STREET 43 60 61
STATESVILLE 28677
U OF PENN 704 873-4334

FOREMAN, FRANK LEROY D AC
706 HARTNESS ROAD 71 78 80
STATESVILLE 28677
MED U OF SC 704 873-0545

GOFF, JACOB BENJ. M., JR. U AC
P. O. BOX 1727 63 63 73
STATESVILLE 28677
LA STATE U 704 873-3766

GOODE, THOMAS VANCE, III GS AC
P. O. BOX 1068 43 47 49
STATESVILLE 28677
MED COLL OF VA 704 873-7253

IREDELL COMPONENT SOCIETY (Continued)

GOODSON, PHILLIP RICHARD OBG AC
1308 DAVIE AVENUE 76 76 81
STATESVILLE 28677
BOWMAN GRAY 704 873-1436

GREEN, RAY LYMAN OBG AC
1308 DAVIE AVENUE 72 72 75
STATESVILLE 28677
BOWMAN GRAY 704 873-1436

GRIFFIN, THOMAS RAY FP AC
P. O. BOX 328 47 48 50
TROUTMAN 28166
BOWMAN GRAY 704 528-4588

GRIMM, RUBY ANN ON /HEM AC
1708 DAVIE AVENUE 75 77 82
STATESVILLE 28677
WEST VA U 704 873-2219

HAMILTON, BUFORD LINDSAY, JR. FP /GP AC
P. O. BOX 8 61 62 74
STONY POINT 28678
U OF PENN 704 585-2953

HARBERTS, ARTHUR STANLEY OBG AC
P. O. BOX 1460 57 61 74
STATESVILLE 28677
U OF ZURICH 704 873-5344

HARDAWAY, JOHN STEGER FP AC
527 BROOKDALE DR. 52 52 54
STATESVILLE 28677
BOWMAN GRAY 704 872-7429

HENDERSON, ANDREW M., JR. GP AC
252 W. MCLELLAND AVENUE 50 50 52
MOORESVILLE 28115
BOWMAN GRAY 704 664-5477

HENNINGER, JOSEPH BAYLOR IM AC
P. O. BOX 1808 45 45 51
STATESVILLE 28677
NORTHWESTERN U 704 873-7789

HOLBROOK, JOSEPH SAM IM /CD L
211 N. RACE STREET 32 32 34
STATESVILLE 28677
U OF PENN 704 872-1000

HOLLAND, WALTER BOWLIN OPH AC
IREDELL EYE CLINIC 75 76 83
P. O. BOX 1144
STATESVILLE 28677
BOWMAN GRAY 704 872-4108

JARMAN, WAYNE THOMAS GS AC
708 HARTNESS ROAD 74 74 80
STATESVILLE 28677
BOWMAN GRAY 704 873-1024

KEARNS, PAUL RUTHERFORD OBG AC
750-H HARTNESS ROAD 46 46 49
STATESVILLE 28677
BOWMAN GRAY 704 872-6389

KEPLEY, MICHAEL AVERY OBG AC
750-H HARTNESS RD. 80 82 85
STATESVILLE 28677
U OF NC 704 872-6389

KIRKMAN, PAUL MADISON CD /IM AC
1318-B DAVIE AVENUE 65 66 70
STATESVILLE 28677
BOWMAN GRAY 704 872-8147

KUTTEH, HANNA CONSTANTINE GYN AC
564 BROOKDALE DRIVE 47 51 53
STATESVILLE 28677
AMERICA U BEIRUT 704 872-6321

LAI, CHI-KWONG CD /IM AC
P. O. BOX 1460 72 74 81
STATESVILLE 28677
NATL CTR-TAIPEI 704 873-0281

LEWIS, DOCKERY DURHAM, JR. PD AC
P. O. BOX 1460 55 55 60
STATESVILLE 28677
BOWMAN GRAY 704 878-2011

LEWIS, NEWMAN MAXVILLE IM AC
P. O. BOX 1460 57 57 64
STATESVILLE 28677
BOWMAN GRAY 704 878-2011

LITTLE, LONNIE MARCUS GP L/RT
206 ST. ANDREWS ROAD 25 25 27
STATESVILLE 28677
JEFFERSON 704 873-7442

MADRY, JAMES THOMAS OBG /GYN AC
403 E. STATESVILLE AVENUE 58 58 81
MOORESVILLE 28115
MED COLL OF GA 919 663-2564

MCLAIN, BILL REID FP RT
ROUTE #2, BOX 542 55 55 58
MOORESVILLE 28115
BOWMAN GRAY 704 663-3584

MCNABB, JAMES WILLIAM FP AC
417 E. STATESVILLE AVE. 82 83 86
MOORESVILLE 28115
U OF SOU FLORIDA 704 663-7328

MILLER, HERSEY EUGENE OTO /HNS AC
702 HARTNESS ROAD 70 70 78
STATESVILLE 28677
BOWMAN GRAY 704 873-5224

NEAL, DEMAR AUSTIN, III GS /CDS AC
708 HARTNESS ROAD 78 79 84
STATESVILLE 28677
OHIO STATE U 704 873-1024

NICHOLSON, JOHN HARVEY, II IM AC
760-G HARTNESS ROAD 45 45 54
STATESVILLE 28677
MED COLL OF VA 704 873-8368

NIETERS, GERALD FRANCIS DR AC
P. O. BOX 688 66 66 74
MOORESVILLE 28115
ST LOUIS U 704 663-3479

OGBURN, PAUL LANIER GS /TRS AC
STATESVILLE MEDICAL GROUP 46 46 60
PO BOX 1460
STATESVILLE 28677
DUKE 704 878-2011

PARKIN, CHARLES EVAN AN AC
737 ST. CLOUD 63 62 80
STATESVILLE 28677
U OF TENNESSEE 704 873-5661

PETROZZA, JOSEPH ANTHONY GE /IM AC
2601 FINES CREEK DR. 78 80 84
STATESVILLE 28677
JEFFERSON 704 873-1904

PITTMAN, ERIC WILLIAMS PTH AC
IREDELL MEM. HOSP. BOX 1460 66 66 76
STATESVILLE 28677
BOWMAN GRAY 704 873-5661

PRESSLY, DAVID LOWRY FP L
1109 DAVIE AVENUE 42 42 46
STATESVILLE 28677
JEFFERSON 704 872-5671

PRITCHARD, DOUGLAS DUSSEL AN AC
4981-P HUNT CLUB ROAD 72 72 86
WINSTON-SALEM 27104
BOWMAN GRAY 919 873-0281

RAM, BERNARD ALLEN U AC
760 HARTNESS ROAD 78 83 84
STATESVILLE 28677
U OF N DAKOTA 704 873-4741

RAM, CECIL CASPER U AC
774 HARTNESS ROAD 54 54 76
STATESVILLE 28677
MED U OF SC 704 873-3231

RHYNE, JAMES MOODY IM /N AC
757 BRYANT ST. 68 68 75
STATESVILLE 28677
U OF NC 704 873-5658

ROBERTSON, JAMES MEBANE GP L
32 32 34
HARMONY 28634
TEMPLE U 704 546-7587

ROWE, CHARLES ROY, JR. GS AC
750 HARTNESS ROAD 50 50 57
STATESVILLE 28677
VANDERBILT U 704 873-3929

RYMUZA, JEFFREY IM /PUD AC
PO BOX 1460 74 75 84
OLD MOCKSVILLE RD.
STATESVILLE 28677
HAHNEMANN 704 878-2011

SCHERER, IRVIN GEORGE FP AC
P. O. BOX 7 54 57 57
UNION GROVE 28689
U OF KANSAS 704 539-4731

SCRUGGS, MICHAEL COLMAN OTO /HNS AC
3300 WINDSOR PLACE 75 75 83
STATESVILLE 28677
BOWMAN GRAY 704 873-5224

SERENE, JAMES WILLIAM ORS AC
141 N. KELLY STREET 75 75 81
STATESVILLE 28677
BOWMAN GRAY 704 872-7492

SERENE, MARY BRUCE MCKENZIE AN AC
141 N. KELLY STREET 75 75 83
STATESVILLE 28677
BOWMAN GRAY 704 873-5661

SHAFER, IRVING EVERETT, JR. R AC
P. O. BOX 588 49 49 50
STATESVILLE 28677
MED COLL OF VA 704 873-5661

SHAW, LLOYD ROOSEVELT GYN L/RT
222 N. OAK STREET 30 30 31
STATESVILLE 28677
MED COLL OF VA 704 873-9642

SKEEN, WILLIAM WALDO FP AC
417 E. STATESVILLE AVENUE 60 60 65
MOORESVILLE 28115
GEO WASHINGTON U 704 663-3063

SLIWINSKI, STANLEY FRANCIS,JR. OPH AC
P. O. BOX 1460 66 66 77
STATESVILLE 28677
JOHNS HOPKINS 704 878-2011

SLOAN, ALLEN BARRY GP L/RT
5150 SHARON ROAD 24 24 26
CHARLOTTE 28210
MED COLL OF VA 704 553-1670

STEGALL, JOHN THOMAS FP L/RT
310 DAVIE AVENUE 43 47 48
STATESVILLE 28677
U OF MARYLAND 704 873-3269

STEVENSON, ROBERT MCL. R AC
743 SPRINGDALE RD., EAST 59 59 65
STATESVILLE 28677
U OF NC 704 872-4306

STEWART, JOHN REAGAN OTO /OPH L
515 WALNUT ST. 35 35 52
STATESVILLE 28677
TULANE U 704 873-6376

TEMPLETON, THOMAS BREVARD IM AC
521 BROOKDALE DR. 55 55 62
STATESVILLE 28677
JEFFERSON 704 872-3455

THOMAS, WILBUR CLYDE PTH AC
138 SIGNAL HILL DR. APT. 105 39 39 80
STATESVILLE 28677
U OF MARYLAND 704 872-5426

TRITICO, ROCCO JOSEPH DR AC
P. O. BOX 803 76 76 81
STATESVILLE 28677
U OF TX-HOUSTON 704 872-4057

WALKER, HARRY GORDON FP AC
310 DAVIE AVENUE 49 49 53
STATESVILLE 28677
U OF VIRGINIA 704 873-3269

WALTERS, HENRY CEPHAS, JR. IM AC
750-B HARTNESS ROAD 76 78 82
STATESVILLE 28677
MED U OF SC 704 872-6343

WEARN, FRANKLIN STAFFORD GS /EM AS
P. O. BOX 1746 32 33 77
STATESVILLE 28677
HARVARD 704 872-9494

WILLHIDE, MARGARET JANE PD /A AC
P. O. BOX 1460 62 62 69
STATESVILLE 28677
MED COLL OF VA 704 873-0281

50. JACKSON COMPONENT SOCIETY

OFFICERS—**President:** William L. Aldis, M.D., Sylva
Secretary: David Ramsey, M.D., Sylva

CHOI-CHUNG, MOON SOOG PM AC
EASTGATE CENTER 66 83 85
SYLVA 28779
EWHA WOMANS U 704 586-5508

CHUNG, IL WHAN U AC
SYLVA UROLOGICAL CLINIC, PA 63 73 75
EASTGATE CENTER
SYLVA 28779
SEOUL NATL U 704 586-5507

CORLEY, MALCOLM OSBOURNE DR AC
ROUTE #1, BOX 391 68 68 75
SYLVA 28779
MED U OF SC 704 586-6371

DOUGLAS, BENJAMIN OTO /HNS AC
#103 MEDICAL BUILDING 75 83 86
ASHEVILLE HIGHWAY
SYLVA 28779
U OF NC 704 586-7474

DURR, WALTER JACOB GS L
P. O. BOX 455 37 37 52
SYLVA 28779
ST U OF NEW YORK 704 586-6060

EL-BAYADI, NAGUI R. GS AC
SKYLAND MED. BLDG.SKYLAND DR. 57 69 70
SYLVA 28779
U OF EIN SHAMS 704 586-2156

FAULL, CLIFFORD EDWARD ORS AC
EASTGATE 74 75 84
SYLVA 28779
SYRACUSE 704 586-5531

HAN, GWANG SOO OBG AC
19 CENTRAL STREET 63 74 75
SYLVA 28779
SEOUL NATL U 704 586-4096

HEFFINGTON, MARK WILLIAM FP AC
P. O. BOX 510 78 79 84
CASHIERS 28717
U OF TENNESSEE 704 743-2491

HENNING, EMIL HELLER, JR. GP /GER AC
P. O. BOX 126 40 64 70
SYLVA 28779
U OF MARYLAND 704 586-4035

HOOPER, ROBERT LESLIE R AC
C. J. HARRIS HOSPITAL, INC. 64 64 72
SYLVA 28779
BOWMAN GRAY 704 586-7000

HURT, JOE PAUL PTH /NA AC
163 MONTEITH BRANCH ROAD 65 65 72
SYLVA 28779
U OF NC 704 586-8721

JACKSON, MURRAY T., JR. R AC
P. O. BOX 1043 51 51 79
SYLVA 28779
DUKE 704 586-8941

JONES, FRANK COLLINS, JR. GS H
KILIMANJARO MED. CTR 60 60 73
THE GOOD SAMARITAN FOUNDATION
MOSHI,TANZANIA, E. AFRICA
EMORY U 704 586-6665

MCGRADY, KATHLEEN REILLY PD AC
P. O. DRAWER 365 51 51 71
CASHIERS 28717
U OF MARYLAND 704 743-3960

MORGAN, RALPH SILER CD /IM L/RT
P. O. BOX 668 41 41 48
SYLVA 28779
RUSH MED COLL 704 586-2134

NASH, WILL LIGHT FP AC
34 FISHER CREEK ROAD 58 58 75
SYLVA 28779
U OF TEXAS-SW 704 586-4012

SECOSAN, CRAIG JOHN OPH AC
PO BOX 517 81 82 86
SYLVA 28779
WASHINGTON U 704 586-2120

SERVOSS, RONALD LEE AN AC
P. O. BOX 984 70 73 76
SYLVA 28779
LOMA LINDA U 704 586-8941

SERVOSS, SUE ANNE BOYNTON FP /PH AC
P. O. BOX 984 67 68 77
SYLVA 28779
LOMA LINDA U 704 586-4083

SMALLWOOD, JAMES CLAYTON OBG /IM AC
EASTGATE MEDICAL BUILDING 75 76 84
SYLVA 28779
MED COLL OF GA 704 586-2135

51. JOHNSTON COMPONENT SOCIETY

OFFICERS—**President:** Jesse C. Pittard, M.D., Smithfield
Secretary: Francis I. Zeedick, M.D., Smithfield (919 934-1534)

ALDERMAN, EDWARD HATCHER IM /FP AC
P. O. BOX 278 45 45 48
FOUR OAKS 27524
MED COLL OF VA 919 963-3148

BASS, THOMAS RECTOR FP AC
P. O. BOX 849 57 60 61
CLAYTON 27520
U OF TENNESSEE 919 553-7158

CHEEK, THOMAS SIDNEY IM AC
601-C N. 8TH STREET 47 47 55
SMITHFIELD 27577
MED COLL OF VA 919 934-2310

CHELLEW, ROBERT LEE FP AC
1202 S. VERMONT 65 65 85
SMITHFIELD 27577
K C OSTEO COLL 919 934-4283

CREECH, JOSEPH JAN IM AC
707 LASSITER ST. 78 80 85
SMITHFIELD 27577
DES MOINES OST 919 934-0212

DALY, MICHAEL JAMES GS /TRS AC
706 WILKINS STREET 67 80 81
P. O. BOX 87
SMITHFIELD 27577
NAT U OF IRELAND 919 934-5189

DANIEL, THOMAS MANNING PD AC
501 SELMA RD. 51 54 54
PO BOX 568
SMITHFIELD 27577
DUKE 919 934-7123

DHILLON, TEJPAL SINGH ORS AC
P. O. BOX 1688 63 73 76
SMITHFIELD 27577
M C OF AMRITSAR 919 934-3091

FAN, JACK J. FP AC
P. O. BOX 807 68 74 76
CLAYTON 27520
CHINA MED COLL 919 553-5711

GOODNO, CHARLES CHRISTIAN FP AC
PO BOX 1007 83 85 86
PRINCETON 27569
U OF NC 919 936-2889

HARTMAN, EDWIN LONZO IM AC
515 N. EIGHTH STREET 75 78 80
SMITHFIELD 27577
U OF BOLOGNA 919 934-1211

IBRAHIM, KAISSAR SLEIMEN GS /CDS AC
712 WILKINS STREET 57 65 66
SMITHFIELD 27577
U OF MONTPELLIER 919 934-2360

JOHNSON, THOMAS MILTON FP AC
709 NORTH STREET 57 57 62
SMITHFIELD 27577
U OF NC 919 934-8556

JONES, DONNIE HUE, JR. GP AC
P. O. BOX 158 42 42 47
PRINCETON 27569
U OF VIRGINIA 919 936-5171

JORDAN, LYNDON KIRKMAN FP AC
P. O. BOX 760 61 61 65
SMITHFIELD 27577
DUKE 919 934-7687

LAL, MADAN OPH AC
925 SELMA RD. 67 82 83
PO BOX 239
SMITHFIELD 27577
M C OF AMRITSAR 919 934-3108

LASSITER, WILL HARDEE, JR. GP L/RT
ROUTE #3, BOX 90 38 38 39
FOUR OAKS 27524
MED COLL OF VA 919 934-8783

LEE, ALLEN HENRY GP AC
P. O. BOX 8 46 47 49
SELMA 27576
JEFFERSON 919 965-3251

LIVERMAN, JOSEPH THOMAS, JR. FP AC
706 WILKINS STREET 80 81 85
SMITHFIELD 27577
BOWMAN GRAY 919 934-5149

MAYER, MARK EDWARD IM AC
307 W. MAIN ST. 82 83 84
BENSON 27504
U OF ILLINOIS 919 966-4131

MOHAMED, ADEL WAGDI U AC
415 N. SEVENTH STREET 65 65 76
SMITHFIELD 27577
CAIRO U 919 934-5955

MOTAPARTHY, V.C GE AC
2419-C.E. ASH ST. 74 79 84
GOLDSBORO 27530
KARNATAK U 919 731-2526

OLSON, ROBERT MORTIMER OPH L/RT
ROUTE #1, BOX 229-R 32 51 51
KENLY 27542
GEO WASHINGTON U 919 284-2526

PITTARD, JESSE C. FP AC
706 WILKINS ST. 77 72 76
SMITHFIELD 27577
U OF NC 919 934-5149

POLLARD, DULON DEVON P AC
P. O. BOX 411 63 63 74
SMITHFIELD 27577
DUKE 919 934-8659

POTEAT, HUBERT MCNEILL, JR. GS L/RT
P. O. BOX 88 40 40 51
SMITHFIELD 27577
JEFFERSON 919 934-2524

PREVETTE, JOHN EDGAR OBG AC
601-A EIGHTH STREET 51 51 58
SMITHFIELD 27577
BOWMAN GRAY 919 934-8548

RANGAR, JITINDER SINGH DR /NM AC
P. O. BOX 58 64 64 82
SMITHFIELD 27577
M C OF AMRITSAR 919 934-8171

SHARMA, DEVENDRA IM AC
P. O. BOX 1690 64 64 74
SMITHFIELD 27577
M C OF AMRITSAR 919 934-5568

SINGH, MANMOHAN GS AC
713 NORTH ST. 60 60 74
PO BOX 1196
SMITHFIELD 27577
M C OF AMRITSAR 919 934-2616

JOHNSTON COMPONENT SOCIETY (Continued)

SOX, CARL CAUGHMAN GP L
P. O. BOX 429 32 32 36
KENLY 27542
GEO WASHINGTON U 919 284-4149

STORY, STRATTON ROWLAND OTO AC
P. O. BOX 346 54 59 62
SMITHFIELD 27577
EMORY U 919 934-4355

WHARTON, C. WATSON GP L/RT
201 W. MEADOWBROOK DRIVE 37 37 37
SMITHFIELD 27577
LA STATE U 919 934-8257

WOODALL, LEONARD SCHMICH OBG AC
711 NORTH STREET 56 56 63
SMITHFIELD 27577
U OF NC 919 934-7696

WOODARD, BARNEY LELON GP L
P. O. BOX 129 33 33 35
KENLY 27542
U OF MARYLAND 919 284-3080

WYMAN, ROBERT WEST FP AC
110 WADDELL STREET 67 68 73
SELMA 27576
U OF MICHIGAN 919 965-3055

ZEEDICK, JOHN FRANCIS IVAN AN /PUD AC
P. O. BOX 1950 54 55 85
SMITHFIELD 27577
U OF PITTSBURGH 919 934-5213

53. LEE COMPONENT SOCIETY

OFFICERS—**President:** Robert H. McConville, M.D., Sanford (919 774-6023)
Secretary: S. David Ciliberto, M.D., Sanford (919 776-0551)

AINSLEY, THELLIE RUPERT, JR. IM AC
1007 CARTHAGE ST. 78 79 82
SANFORD 27330
U OF NC 919 774-4343

ALEXANDER, LAWRENCE MELTON FP AC
555 CARTHAGE STREET 52 54 54
SANFORD 27330
DUKE 919 774-6518

BLUE, JOHN FREDERICK FP AC
P. O. BOX 820 51 52 53
SANFORD 27330
GEO WASHINGTON U 919 775-7522

BUTLER, LARRY STEPHEN OBG AC
331 CARTHAGE ST. 79 79 85
SANFORD 27330
U OF KENTUCKY 919 774-8761

BYERLY, JAMES HAMPTON GP L
P. O. BOX 340 35 35 38
SANFORD 27330
NORTHWESTERN U 919 775-5932

CHEESBOROUGH, JOHN DAVIDSON D AC
827 S. HORNER BOULEVARD 75 77 82
SANFORD 27330
DUKE 919 775-7926

CILIBERTO, SAMUEL DAVID ORS AC
101 S. VANCE STREET 67 68 76
SANFORD 27330
ST U OF NEW YORK 919 776-0551

CLINE, ROBERT SEITZ FP AC
555 CARTHAGE STREET 57 57 61
SANFORD 27330
U OF NC 919 774-6518

COVINGTON, MARTIN CADE FP AC
212 W. MAIN STREET 50 50 51
SANFORD 27330
MED COLL OF VA 919 776-1412

DOTTERER, ELIZABETH JAMES IM /GYN L
118 HAWKINS AVENUE 39 39 44
SANFORD 27330
U OF PENN 919 776-5723

DOTTERER, JOHN EMANUEL GER /FP L
118 HAWKINS AVENUE 38 46 46
SANFORD 27330
U OF PENN 919 776-5723

DUMMIT, ELDON STEVEN, JR. PTH AC
P. O. BOX 1378 59 59 72
SANFORD 27330
VANDERBILT U 919 774-4100

EBKEN, RICHARD KEPPLER GS /TS AC
P. O. BOX 1169 68 68 85
SANFORD 27330
U OF PITTSBURGH 919 775-7146

ESPORAS, DEMOSTHENES CAGBALINO U AC
P. O. BOX 1169 68 72 75
SANFORD 27330
CEBA INST OF MED 919 775-7146

FOUSHEE, JOHN CALDWELL GS L/RT
1710 CARTHAGE ST. 44 44 53
SANFORD 27330
BOWMAN GRAY 919 775-7146

GANTT, CHARLES BERNARD, JR. DR AC
1606 LORD ASHLEY DR. 66 68 76
SANFORD 27330
U OF ALABAMA 919 774-4100

GIBSON, JAMES FRANKLIN GS /GP AC
1916 WILKINS DRIVE 56 56 63
SANFORD 27330
DUKE 919 776-5191

GOLDMAN, JAMES OSWALD, JR. EM AC
PO BOX 1597 77 78 75
SANFORD 27331
U OF NC 919 775-4100

HALL, WILLIAM ERNEST FP AC
611 WICKER STREET 73 74 84
SANFORD 27330
U OF ILLINOIS 919 774-6023

HARTNESS, WILLIAM RUFUS, JR. FP L
615 CARR STREET 38 38 39
SANFORD 27330
U OF LOUISVILLE 919 775-3491

HAWKINS, GLEN EUGENE AN AC
1625 STONEGATE 54 54 75
SANFORD 27330
INDIANA U 919 499-4751

HOWARD, PAUL OSMON FP AC
555 CARTHAGE STREET 55 57 57
SANFORD 27330
U OF VIRGINIA 919 774-6518

JAMES, ARTHUR AUGUSTUS, JR. IM L/RT
604 SPRING LANE 32 32 36
SANFORD 27330
U OF PENN 919 776-2435

JESSUP, PAMELA KAY H. FP AC
555 CARTHAGE ST. 77 79 75
SANFORD 27330
BOWMAN GRAY 919 774-6518

JORDAN, ROBERT CALHOUN, JR. R AC
P. O. BOX 1007 55 55 62
SANFORD 27330
U OF NC 919 776-1210

KABASAN, DENNIS CLARK IM AC
1951 S. HORNER BLVD. 77 79 82
SANFORD 27330
U OF GRAZ 919 774-4123

KESLER, ARCHIE DEAN, JR. OBG AC
109-A S. VANCE STREET 66 66 73
SANFORD 27330
MED COLL OF VA 919 775-2304

LITTLE, DOUGLAS JONATHAN IM /CD AC
136-A CARBONTON ROAD 71 71 80
SANFORD 27330
U OF NC 919 776-0719

LITTLE, JAMES CONRAD, JR. FP AC
136-A CARBONTON ROAD 68 68 75
SANFORD 27330
U OF NC 919 776-0719

LUTTERLOH, ISAAC HAYDEN, JR. IM AC
P. O. BOX 1269 52 52 53
SANFORD 27330
JEFFERSON 919 775-3911

LUTTERLOH, ISAAC HAYDEN, SR. IM L
P. O. BOX 1269 21 21 24
SANFORD 27330
JEFFERSON 919 775-3911

MACINTOSH, VICTOR HENRY FP AC
207 E. MAIN ST. 75 78 85
SANFORD 27330
DUKE 919 774-6282

MANGUM, JOHN ROWLAND FP AC
555 CARTHAGE ST. 81 82 86
SANFORD 27330
U OF NC 919 774-6518

MCCONVILLE, ROBERT H., JR. FP AC
611 WICKER ST. 72 73 80
PO BOX 387
SANFORD 27330
INDIANA U 919 774-6023

MCLEOD, MARY MARGARET PD /A L
P. O. DRAWER 1047 35 35 46
SANFORD 27330
VANDERBILT U 919 775-7642

OELRICH, AUGUST M. GS AC
P. O. BOX 1169 39 47 48
SANFORD 27330
U OF IOWA 919 775-7146

PATTERSON, ROBERT WILLIAM FP /CD AC
110 FIELDS DR. 78 79 75
PO BOX 1860
SANFORD 27330
U OF NC 919 774-6320

REESE, MITCHELL CRAWFORD PD AC
555 CARTHAGE STREET 77 78 84
SANFORD 27330
MED COLL OF VA 919 776-7534

†ROBERTSON, JOHN KENNETH FP AC
2515 WATSON AVENUE 50 50 51
DECEASED -- 6-25-86
SANFORD 27330
U OF VIRGINIA 919 775-2321

SILVER, STEVEN MORRIS OTO AC
1911 K. M. WICKER DR. 74 76 85
SANFORD 27330
ALBANY MED COLL 919 774-6829

SIMMONS, JAMES SLATER FP L/RT
P. O. BOX 850 34 34 66
SANFORD 27330
MEHARRY MED COLL 919 775-7425

SMITH, ERASTUS, JR. IM AC
136-A CARBONTON RD. 73 76 80
PO BOX 1768
SANFORD 27330
TEMPLE U 919 775-5457

STANTON, EDWARD SPIRES GS AC
1816 DOCTORS DR. 79 81 84
P. O. BOX 1169
SANFORD 27330
DUKE 919 775-7146

WHITE, WILLIAM HENRY, JR. OBG AC
109-A S. VANCE STREET 61 61 69
SANFORD 27330
U OF NC 919 775-2304

WRIGHT, ROBERT L. OPH AC
409 CARTHAGE ST. 56 57 83
SANFORD 27330
U OF MARYLAND 919 776-7549

54. LENOIR-GREENE COMPONENT SOCIETY

OFFICERS—**President:** Robert H. Hosea, M.D., Kinston (919 523-0687)
Secretary: Ray J. Bouzigard, M.D., Kinston (919 527-7077)

AGSTEN, JOSEPH EDWARD FP AC
107 AIRPORT ROAD 73 73 78
KINSTON 28501
U OF NC 919 527-4146

BAEZ, JORGE E. IM AC
PO BOX 2392 62 62 86
KINSTON 28502
DUKE 919 522-1261

BAKER, JOAN MARGO OBG AC
105 AIRPORT RD. 79 80 84
KINSTON 28501
U OF NC 919 523-8383

BARKER, MARSHALL JAY OBG AC
400 GLENWOOD AVE. STE. #15 80 81 84
KINSTON 28501
WVA OSTEO SCH 919 527-7208

BEASLEY, CHARLES BRITTON OTO AC
KINSTON CLINIC, NORTH 74 75 79
KINSTON 28501
U OF NC 919 523-0687

BHOTIWIHOK, PREECHA AN AC
P. O. BOX 1043 70 75 78
KINSTON 28501
U OF ADELAIDE 919 522-7800

BOUZIGARD, RAY JOSEPH R /TR AC
KINSTON CLI., NORTH, DR.'S. DR. 66 66 76
KINSTON 28501
LA STATE U 919 527-7077

BRADFORD, SUSAN ELLEN PTH /CLP AC
1802 MARSHBURN CIRCLE 67 68 82
KINSTON 28501
BOSTON U 919 522-7141

BROOKS, CHARLES MICHAEL OBG AC
KINSTON CLINIC NORTH 81 81 79
DOCTORS DR., STE. E
KINSTON 28501
BOWMAN GRAY

CLASSEN, CHARLES HENRY, JR. ORS AC
KINSTON CLINIC, NORTH, STE. F 66 75 76
KINSTON 28501
U OF MARYLAND 919 522-2020

COOPER, EDWIN BRANAN, JR. ORS AC
KINSTON CLINIC, NORTH, STE. F 66 66 78
KINSTON 28501
DUKE 919 522-2020

CRANZ, OSCAR WILLIAM GS L/RT
1605 DUBOSE DR. 31 31 36
PO BOX 1316
KINSTON 28501
MED COLL OF VA 919 523-3677

DALE, FREDERICK PAYNE GS RT
P. O. BOX 1316 46 47 53
KINSTON 28501
TEMPLE U 919 522-1626

DALTON, HORACE MILTON OPH L/RT
KINSTON CLINIC, NORTH 39 48 48
KINSTON 28501
U OF VIRGINIA 919 522-1611

DALY, JAMES KEARNEY DR /P AC
2179 FOX RUN DR. 65 65 74
KINSTON 28501
MED COLL OF VA 919 522-1261

DEAN, ROBERT JAMES AN AC
P. O. BOX 1572 47 47 79
KINSTON 28501
ST U OF NY-BUFF 919 522-3177

DECLERCK, PAUL ALBERT FP AC
2503 N. QUEEN STREET 75 78 83
KINSTON 28501
U OF BRUXELLES 919 522-3717

DENNIS, PATRICK MICHAEL OPH AC
2104 N. HERRITAGE ST. 76 80 81
KINSTON 28501
GEORGETOWN U 919 523-9599

DICKSON, ROBERT TRULOCK GE AC
806 WESTMINISTER LANE 79 80 86
KINSTON 28501
MED COLL OF GA 919 522-3072

DUBOSE, JOHN MCNEELY TS /GS AC
P. O. BOX 1316 59 60 68
KINSTON 28501
JOHNS HOPKINS 919 522-1626

EVERETT, ROY NATHAN PUD AC
109 AIRPORT ROAD 79 80 84
KINSTON 28501
EASTERN VA 919 522-4094

FLORES-TEJANO, ADELINDA AN AC
2200 SPARRE DR. 63 72 85
KINSTON 28501
U OF PHILIPPINES 919 522-7373

FLOURNOY, JOHN EPPES R AC
KINSTON CLI., NORTH, DR.'S DR 66 66 71
KINSTON 28501
MED COLL OF VA 919 527-7077

FOGLEMAN, ROSS LEE, JR. FP AC
KINSTON CLINIC 53 55 55
KINSTON 28501
DUKE 919 527-7194

FORD, CHARLES PHILLIP, JR. OM AC
5216 EMERALD DRIVE 43 61 61
EMERALD ISLE, ROUTE #3
MOREHEAD CITY 28557
MED COLL OF VA 919 354-3018

FULLER, HENRY FLEMING OBG L
KINSTON CLINIC, NORTH, STE. E 36 36 39
KINSTON 28501
U OF PENN 919 522-4333

GALPHIN, CLAUDE MABRY NEP AC
2905 COLONIAL CIRCLE 80 80 85
KINSTON 28501
MED U OF SC 919 522-5725

GILMORE, SAMUEL JOSEPH OBG AC
KINSTON CLINIC, NORTH, STE. E 68 68 76
KINSTON 28501
INDIANA U 919 522-4333

HARPER, MATT CLEVELAND, JR. GP AC
CHERRY HOSP., CALLER BOX 8000 53 55 59
GOLDSBORO 27530
DUKE 919 522-3162

HENDERSON, JOHN PERCY, JR. U AC
KINSTON CLINIC NORTH 51 51 53
DOCTORS DRIVE
KINSTON 28501
BOWMAN GRAY 919 527-3043

HERRING, CHARLES LEONIDAS IM AC
310 GLENWOOD AVENUE 55 55 61
KINSTON 28501
U OF NC 919 523-0026

HOOD, RICHARD THORNTON, JR. AI AC
1306 N. HERITAGE STREET 48 48 55
KINSTON 28501
BOWMAN GRAY 919 523-5461

HOSEA, ROBERT HAYWOOD OTO /HNS AC
KINSTON CLINIC, SUITE K 73 73 79
KINSTON 28501
TULANE U 919 523-0687

JAECKLEIN, FREDERICK PETER IM /HEM AC
KINSTON CLINIC, STE. #3 77 80 85
KINSTON 28501
TEMPLE U 919 522-2303

JILCOTT, RUPERT WADSWORTH, III IM AC
310 GLENWOOD AVENUE 74 76 78
KINSTON 28501
EMORY U 919 523-0026

KING, MICHAEL BRIAN CD /IM AC
313 AIRPORT ROAD 71 71 78
KINSTON 28501
U OF NC 919 522-2578

KNOTT, LAWRENCE H., JR. GS /CDS AC
P. O. BOX 1316 72 72 80
KINSTON 28501
BOWMAN GRAY 919 522-1626

KOONTZ, JACK ALEXANDER OM AC
PO BOX 800 64 64 69
KINSTON 28501
U OF NC 919 522-6100

KROEGER, RICHARD JAMES GE /IM AC
1802 OXFORD ROAD 78 78 84
KINSTON 28501
SYRACUSE 919 522-0285

KUNSTLING, CARL RICHARD EM /GS AC
720 JONES AVENUE 41 42 76
KINSTON 28501
U OF IOWA 919 522-7272

LANGLEY, JOHN THOMAS ORS AC
KINSTON CLINIC, NORTH, STE. F 55 55 63
KINSTON 28501
DUKE 919 522-2020

LAPRADE, BENNETT WATTERSON OBG AC
1901 HAMPTON ROAD 56 63 63
KINSTON 28501
U OF VIRGINIA 919 527-7605

MCGIRT, MURPHY FRANK, JR. ORS AC
KINSTON CLI., NORTH 64 64 72
KINSTON 28501
U OF NC 919 522-4155

MINTZ, RUDOLPH IVEY, JR. OBG AC
1906 STANTON ROAD 67 67 74
KINSTON 28501
U OF NC 919 522-3373

MYERS, DAN ALLEN U AC
KINSTON CLI.,NORTH, DR.'S DR. 75 76 82
KINSTON 28501
U OF NC 919 527-3043

NYE, SYLVANUS WILLIAM PTH /CLP AC
700 ROUNDTREE STREET 57 58 66
KINSTON 28501
U OF ROCHESTER 919 522-7141

PARKER, SAMUEL LESTER, JR. OBG AC
KINSTON CLINIC, NORTH 42 42 50
KINSTON 28501
GEO WASHINGTON U 919 522-4333

PARROTT, WILLIAM THOMAS, JR. IM AC
905 N. QUEEN STREET 43 43 49
KINSTON 28501
JOHNS HOPKINS 919 523-4269

PATE, EUGENE WESLEY, JR. ORS AC
KINSTON CLINIC,NORTH 63 63 70
KINSTON 28501
U OF NC 919 522-4155

PATRICK, SIMMONS ISLER R AC
KINSTON CLI.,NORTH, DR.'S DR. 50 51 55
KINSTON 28501
DUKE 919 527-7077

PIERCE, HUBERT GAINES IM /CD AC
313 AIRPORT ROAD 58 58 65
KINSTON 28501
BOWMAN GRAY 919 522-3072

PULLY, ROSE FP AC
318 COLLEGE STREET 51 51 54
KINSTON 28501
U OF PENN 919 523-2569

REECE, ORVIL YOUNG, JR. PD AC
2509 N. QUEEN ST. 75 75 79
KINSTON 28501
U OF ALABAMA 919 522-0335

RIDDICK, GEORGE WALTON, JR. OPH AC
KINSTON CLINIC, NORTH 66 66 72
KINSTON 28501
U OF VIRGINIA 919 522-1611

SABISTON, FRANK, JR. GS /TS AC
KINSTON CLINIC, NORTH 64 64 71
BOX 1316
KINSTON 28501
U OF NC 919 522-1626

SABISTON, WALTER ROBERTS OTO AC
KINSTON CLINIC,NORTH, STE. K 67 67 78
KINSTON 28501
U OF NC 919 523-0687

SALAMEH, KAMAL B. PD /GP AC
2415 W. VERNON AVE. 54 55 70
KINSTON 28501
AMERICA U BEIRUT 919 522-1261

SENAY, BRUCE ALAN U AC
KINSTON CLINIC NORTH 79 80 85
KINSTON 28501
MED COLL OF PENN 919 527-3043

LENOIR-GREENE COMPONENT SOCIETY (Continued)

SPIGNER, PRESCOTT BUSH, JR. ORS AC
53 58 59
P. O. BOX 1062
KINSTON 28501
MED U OF SC
919 522-4155

TEJANO, FELIPE MAZON U AC
63 63 74
KINSTON CLI.,NORTH, DR.'S DR.
KINSTON 28501
U OF PHILIPPINES
919 527-3043

TROUTMAN, BELK CONNOR GP AC
52 52 53
P. O. BOX 429
GRIFTON 28530
U OF MARYLAND
919 524-4273

WARD, JOHN CHARLES OM RT
54 54 55
410 LAKE PINES DRIVE
LAGRANGE 28551
U OF NC
919 566-3119

WEST, GEORGE HARPER IM /CD AC
67 67 74
109 AIRPORT ROAD
KINSTON 28501
BOWMAN GRAY
919 522-3661

WILLIAMS, LYNWOOD EARL IM AC
40 40 43
2114 HARDEE ROAD
KINSTON 28501
U OF PENN
919 522-3753

WITHERINGTON, DEXTER T. GS AC
48 48 55
P. O. BOX 1316
KINSTON 28501
HARVARD
919 522-1626

WITHERS, SYDNOR TERRY, SR. D AC
45 46 56
905 N. QUEEN STREET
KINSTON 28501
MED COLL OF VA
919 523-3289

WOOTEN, CECIL WILLIAM, JR. GP L/RT
45 45 48
P. O. BOX 1577
KINSTON 28501
HARVARD
919 523-3496

55. LINCOLN COMPONENT SOCIETY

OFFICERS—**President:** John R. Gamble, M.D., Lincolnton (704 735-3023)
Secretary: Ted Holloway, M.D., Lincolnton

ARI, ABDULLAH NECIP OBG AC
54 75 75
300 LABANS LANE
LINCOLNTON 28092
U OF ANKARA
704 732-0777

CANADAY, MAURICE LEWIS FP /CD AC
58 58 63
110 DOCTOR'S PARK
PO BOX 578
LINCOLNTON 28092
U OF NC
704 735-7413

CHANG, JOHN SHYUEYI OBG AC
71 71 79
P. O. BOX 715
LINCOLNTON 28092
KAOHSIUNG M COLL
704 732-3346

COLTON, SHARON ANN IM AC
70 72 86
ROUTE #1, BOX 275-W
DENVER 28037
U OF OREGON
704 732-3348

CRONLAND, MURPHY ALAN GP AC
55 55 59
P. O. BOX 488
LINCOLNTON 28092
U OF NC
704 735-3048

CROWELL, GORDON CAMERON IM AC
57 57 57
ROUTE #4, BOX 999
LINCOLNTON 28092
U OF NC
704 735-1430

CRUMLEY, CHARLES EDWIN IM AC
70 70 76
P. O. BOX 1309
LINCOLNTON 28093
U OF NC
704 735-3081

CRUZ, CORAZON SAMODIO R /GP AC
61 61 83
ROUTE #2, BOX 310
LINCOLNTON 28092
FAR EAST U
704 435-4586

FARLEY, DYER JACKSON, JR. GS AC
55 55 71
P. O. BOX 757
LINCOLNTON 28092
LA STATE U
704 735-0481

FITZGERALD, JOHN HILL GP /PD L
38 40 41
626 CLARK DRIVE
LINCOLNTON 28092
U OF VIRGINIA
704 735-8257

GAMBLE, JOHN REEVES, JR. GS /GP AC
46 46 46
P. O. BOX 250
LINCOLNTON 28092
U OF MARYLAND
704 735-3023

GRIGGS, BOYCE POWELL FP AC
43 43 46
334 W. SYCAMORE STREET
LINCOLNTON 28092
BOWMAN GRAY
704 735-5151

LAWING, DANIEL PHILMON GP AC
62 62 64
212 E. WATER STREET
LINCOLNTON 28092
U OF NC
704 735-5888

LEE, JOSEPH DAVID R AC
68 69 78
P. O. BOX 954
LINCOLNTON 28092
TEMPLE U
704 735-6654

LEE, YING HUEY GS AC
66 66 76
P. O. BOX 636
LINCOLNTON 28092
KAOHSIUNG ME COL
704 735-2554

MOFRAD, ALI SABOORTINAT PD /PHO AC
66 76 82
P. O. BOX 1160
LINCOLNTON 28093
U OF TEHRAN
704 735-1441

REID, ROBERT LEARY FP /CD AC
54 54 59
110 DOCTOR'S PARK
P. O. BOX 578
LINCOLNTON 28092
BOWMAN GRAY
704 735-7414

REID, ROBERT LEARY, JR. FP AC
79 81 83
110 DOCTOR'S PARK
P. O. BOX 578
LINCOLNTON 28092
BOWMAN GRAY
704 735-7413

SMITH, THOMAS WARREN IM AC
64 65 78
P. O. BOX 1510
LINCOLNTON 28092
ST U OF NY-BUFF
704 735-6939

WILSON, SAMUEL ALLEN GP L/RT
37 37 40
710 E. PARK DR.
LINCOLNTON 28092
EMORY U
704 735-8548

56. MACON-CLAY COMPONENT SOCIETY

OFFICERS—**President:** Frank Haydon, M.D., Franklin
Secretary: Ben Battle, M.D., Franklin

BAUMRUCKER, JOHN FREDERICK FP AC
70 70 70
P. O. BOX 1060
HIGHLANDS 28741
U OF CINCINNATI
704 526-2125

BERGER, FREDERICK ALLEN PD AC
72 72 75
28 RIVERVIEW STREET, #114
FRANKLIN 28734
ST LOUIS U
704 524-8474

CHOI, SAN HO GS AC
63 64 73
102 DOCTORS BUILDING
FRANKLIN N C 28734
YONSEI U
704 524-7464

FISHER, ERNEST WOODROW FP L/RT
41 41 47
102 GEORGIA ROAD
FRANKLIN 28734
MED U OF SC
704 524-5752

HARMON, DORALEA RYLE FP AC
50 62 63
P. O. BOX 1329
FRANKLIN 28734
U OF WISCONSIN
704 524-5070

KAHN, JOSEPH WILLIAM GP /GS L/RT
42 42 46
P. O. BOX 147
FRANKLIN 28734
U OF CINCINNATI
704 524-4427

MANGUM, CARLYLE THOMAS, JR. GP AC
47 47 49
P. O. BOX 429
HIGHLANDS 28741
HARVARD
704 526-2125

MARTONE, ARLENE RAE OBG AC
72 73 84
28 RIVERVIEW ST., STE. 110
FRANKLIN 28734
LOMA LINDA U
704 335-0064

MORRIS, EDWIN LEE FP AC
74 78 79
8 RIVERVIEW ST., STE. 201
FRANKLIN 28734
U OF NC
704 369-9531

57. MADISON COMPONENT SOCIETY

OFFICERS—**President:** William E. Powell, Jr., M.D., Mars Hill (704 689-2581)
Secretary: Lawrence R. Sprinkle, M.D., Weaverville (704 645-3031)

DUCK, WALTER OTIS FP AC
43 43 46
DRAWER 729
MARS HILL 28754
HAHNEMANN
704 689-2581

POWELL, WILLIAM ERNEST, JR. GP AC
50 50 52
1 CHESTNUT STREET
MARS HILL 28754
JEFFERSON
704 689-2581

59. McDOWELL COMPONENT SOCIETY

OFFICERS—**President:** Paul T. Yun, M.D., Marion (704 652-3351)
Secretary: Stanley C. Topple, M.D., Marion (704 333-6634)

ALI, SHAMSHAD PD /NPM AC
1200 MEDICAL CTR. #B 60 74 76
MARION 28752
PRINCE OF WALES 704 652-6386

ALLEN, JOHN O. HENRY FP /IM AC
31 STATE ST. 51 51 53
PO BOX 1189
MARION 28752
BOWMAN GRAY 704 652-5251

ATKINSON, THOMAS TEMPLE FP AC
P. O. BOX 39 77 77 81
MARION 28752
BOWMAN GRAY 704 652-8727

CHUNG, JOSEPH YANGSOO GS /GP AC
1200 MEDICAL COURT 66 72 73
MARION 28752
SEOUL NATL U 704 652-5818

CUNNINGHAM, GEORGE ROBINSON FP AC
SUGAR HILL ROAD 78 78 82
P. O. BOX 39
MARION 28752
U OF MISSISSIPPI 704 652-8727

DENUNA, VICENTE BOGADOR GS /ABS AC
28 N. LOGAN STREET 64 73 74
MARION 28752
U OF SANTO TOMAS 704 652-5797

DIOQUINO, RENATO MERCADO IM /PUD AC
240 S. MAIN STREET 64 74 76
MARION 28752
U OF SANTO TOMAS 704 652-2214

ELLIS, GEORGE GREENE FP AC
P. O. BOX 789 62 65 66
OLD FORT 28762
U OF LOUISVILLE 704 668-7694

FOWLER, WILLIAM VARN FP AC
600 SUGAR HILL RD. 78 78 77
PO BOX 39
MARION 28752
U OF NC 704 652-2121

MCCALL, MICHAEL ALVIN FP AC
P. O. BOX 1229 52 53 56
MARION 28752
DUKE 704 433-2492

MCENTIRE, JERRILL LEE FP AC
DRAWER 789 71 71 74
OLD FORT 28762
U OF NC 704 668-7694

MCINTOSH, ARCHIBALD NOCK GP AC
219 S. MAIN STREET 44 48 48
MARION 28752
DUKE 704 652-4211

RAGAZ, FLORIAN JOHN GP /CD AC
315 E. COURT STREET 49 50 54
MARION 28752
U OF WISCONSIN 704 652-4420

RUDD, EUGENE GREGORY OBG AC
PO BOX 1413 77 82 86
MEDICAL COURT SOUTH
MARION 28752
MED U OF SC 704 652-3019

TOPPLE, ANE MARIE AC
MCDOWELL MED. PK, BOX 696 55 57 85
MARION 28752
U OF OSLO

TOPPLE, STANLEY CRAIG ORS AC
MCDOWELL MED. PK, BOX 696 57 57 82
MARION 28752
EMORY U 704 652-3310

YUN, PAUL TAJEN GP AC
PO BOX 1284 68 75 77
MARION 28752
U OF SINGAPORE 704 652-3351

60. MECKLENBURG COMPONENT SOCIETY

OFFICERS—**President:** Robert E. Miller, M.D., Charlotte (704 373-0544)
Secretary: Jessica S. Saxe, M.D., Charlotte (704 331-3084)
Executive Director: Mrs. Carolyn Scruggs, 1012 King Dr., Ste. 904, Charlotte 28283 (704 376-3688)

ADAMS, GERALD LEON GS AC
2039 RANDOLPH ROAD 65 65 71
CHARLOTTE 28207
U OF NC 704 375-3397

ADCOCK, JIMMIE WARREN IM AC
217 TRAVIS AVE. 82 83 82
CHARLOTTE 28204
U OF NC 704 372-3350

ADICKES, GEORGE CARTWRIGHT IM AC
1100 BLYTHE BOULEVARD 45 45 78
CHARLOTTE 28203
MED U OF SC 704 338-4330

ADKINS, HENRY THOMAS, JR. R AC
2114 MARRYAT COURT 65 65 73
CHARLOTTE 28211
MED COLL OF GA 704 371-4056

ALBERGOTTI, JULIAN S., JR. OM /FP AC
SOUTHERN BELL MED. DEPT. 55 55 58
ROOM 414 SNC-PO BOX 30188
CHARLOTTE 28230
U OF NC 704 378-7320

ALBRIGHT, HAROLD DOWE, III IM AC
1851 E. THIRD ST., SW #101 82 83 80
CHARLOTTE 28204
EAST CAROLINA U 704 333-4175

ALEXANDER, HENRY C., JR. IM /PUD RT
5136 STRAWBERRY HILL DR. 49 53 56
CHARLOTTE 28211
DUKE 704 366-6499

ALEXANDER, JAMES FROSST IM /IG AC
3535 RANDOLPH ROAD 63 63 70
CHARLOTTE 28211
MCGILL U 704 365-0760

ALEXANDER, JAMES MOSES IM L/RT
3535 RANDOLPH ROAD 34 34 37
CHARLOTTE 28211
MCGILL U 704 365-0760

ALEXANDER, JAMES PORTER IM /OM AC
DUKE POWER COMPANY 50 50 56
P. O. BOX 33189
CHARLOTTE 28242
U OF PENN 704 373-4329

ALLEN, FRED HUNTLEY, JR. N AC
1900 BRUNSWICK AVENUE 59 59 65
CHARLOTTE 28207
COLUMBIA U 704 377-9323

ALPERT, ERIC DAVID R AC
3535 RANDOLPH ROAD 71 71 80
CHARLOTTE 28211
DUKE 704 365-0343

ALTANY, FRANKLIN EDWARD PS AC
2027 RANDOLPH ROAD 52 57 57
CHARLOTTE 28207
DUKE 704 377-3091

ANDERSON, JAMES DICK OBG AC
1023 EDGEHILL ROAD, SOUTH 63 63 72
CHARLOTTE 28207
U OF FLORIDA 704 373-1541

ANDERSON, RICHARD DAWSON R /NM AC
2520 SEDLEY ROAD 60 63 78
CHARLOTTE 28211
COLUMBIA U 704 379-5860

ANDREWS, D. SCOTT CDS /TS AC
1900 RANDOLPH RD. STE. 206 75 75 84
CHARLOTTE 28207
OHIO STATE U 704 372-1306

ANDRINOPOULOS, GEO. C. OBG /NPM AC
1900 RANDOLPH RD. STE. 804 66 66 84
CHARLOTTE 28207
U OF ATHENS 704 372-5800

ARMSTRONG, BEVERLY WELLER OT L/RT
230 E. INDEPENDENCE BLVD. #105 41 48 49
CHARLOTTE 28204
SYRACUSE 704 377-2267

ARNOLD, ROBERT EDGAR FP AC
4101 CENTRAL AVENUE 73 73 79
CHARLOTTE 28205
U OF MISSISSIPPI 704 537-0020

ASRAEL, GERSON U AC
1350 KINGS DRIVE 59 66 70
CHARLOTTE 28207
U OF MARYLAND 704 372-8750

AUSTIN, WALTER KENNETH, JR. CD AC
1960 RANDOLPH ROAD 77 78 83
CHARLOTTE 28207
MED COLL OF GA 704 373-1503

BACH, PHILIP JOHN ORS AC
120 PROVIDENCE ROAD 66 66 71
CHARLOTTE 28207
U OF WISCONSIN 704 377-0351

BAIRD, HARRY HAYNES U L
1012 KINGS DRIVE 42 42 44
CHARLOTTE 28283
WASHINGTON U 704 334-6449

BAKER, DAVID STANFORD, II ORS /HS AC
1900 RANDOLPH ROAD, STE. 706 76 77 82
CHARLOTTE 28235
U OF ARKANSAS 704 372-9820

BAKER, JOHN WOODWARD EM /IM AC
CHARLOTTE MEM. HOSP. 71 71 75
P. O. BOX 32861
CHARLOTTE 28232
U OF VIRGINIA 704 331-3181

BARHAM, BERLIN FRANCIS, JR. CDS /TS AC
301 HAWTHORNE LANE 71 71 78
CHARLOTTE 28204
U OF NC 704 375-8413

BARRETT, GEORGE CARLYLE R AC
958 CHEROKEE ROAD 52 52 56
CHARLOTTE 28207
BOWMAN GRAY 704 371-4056

BARRETT, JOHN ALBERT, JR. IM /RHU AC
3535 RANDOLPH ROAD, #200 54 54 73
CHARLOTTE 28211
DUKE 704 366-8240

BARRINGER, THOMAS AVERY,III FP AC
10724 PARK ROAD, EXT. 79 80 83
PINEVILLE 28134
U OF NC 704 542-6577

BARTELT, CURTIS FREDERICK FP AC
6725 FAIRVIEW ROAD 53 54 75
CHARLOTTE 28210
TEMPLE U 704 365-0677

BARTON, FORBES MARSHALL, JR. GS AC
2115 E. 7TH ST., STE. 103 63 63 71
CHARLOTTE 28204
U OF TENNESSEE 704 375-3728

BAUCOM, MARY PADGETT IM AC
5100 BECKFORD DRIVE 80 81 84
CHARLOTTE 28226
U OF NC 704 331-3165

BEARD, JOHN NICHOLS OM /PD AC
1350 KINGS DRIVE 64 64 70
CHARLOTTE 28207
U OF NC 704 372-8750

MECKLENBURG COMPONENT SOCIETY (Continued)

BEDRICK, JAMES JOSEPH — OPH AC
1900 RANDOLPH RD., STE. 1016 — 77 79 83
CHARLOTTE 28207
U OF NC — 704 372-3300

BELL, MICHAEL JOHN — R /NM AC
2001 VAIL AVENUE — 63 63 72
CHARLOTTE 28207
U OF MINN — 704 379-5860

BELL, RALPH MONROE — IM AC
1012 KINGS DRIVE — 41 41 49
CHARLOTTE 28283
JEFFERSON — 704 377-6569

BELLOWS, ROWLAND THOMPSON — NS L/RT
3529 PARK ROAD — 30 40 41
CHARLOTTE 28209
CORNELL U

BENEDUM, JOHN LOYLE — IM AC
2542 VALENCIA TERRACE — 73 75 78
CHARLOTTE 28226
WEST VA U — 704 364-7037

BENJAMIN, EUGENE E. — N R
2115 E. 7TH ST., SUITE #101 — 78 85 86
CHARLOTTE 28204
MCGILL U

BENJAMIN, SANFORD PHILIP — PTH /CLP AC
5623 MCALPINE FARM ROAD — 68 68 78
CHARLOTTE 28226
WAYNE STATE U — 704 379-5982

BENNETT, WILLIAM TYSON — CD /IM AC
BENNETT CARDIAC CTR. — 65 65 73
3626 LATROBE DR.
CHARLOTTE 28211
TULANE U — 704 372-8750

BERKOWITZ, GERALD PHILLIP — PD /NPM AC
200 HAWTHORNE LANE — 74 74 85
P. O. BOX 33549
CHARLOTTE 28233
U OF TENNESSEE — 704 371-4025

BERRYHILL, BRUCE HOLT — OTO AC
1600 E. THIRD STREET — 64 64 72
CHARLOTTE 28204
U OF NC — 704 372-3300

BIGHAM, ROY STINSON, JR. — IM L/RT
4000 MCKEE ROAD — 41 41 46
MATTHEWS 28105
U OF VIRGINIA — 704 846-2233

BLACK, EDWARD BARNWELL — R AC
3535 RANDOLPH RD.,STE 102 — 70 70 81
CHARLOTTE 28211
DUKE — 704 365-0343

BLACK, JAMES HAMPTON — IM /NEP AC
125 BALDWIN AVE. — 63 63 69
CHARLOTTE 28204
BOWMAN GRAY — 704 374-1696

BLOUNT, CHARLES WHITNER, JR. — FP AC
6708 ALBEMARLE ROAD — 73 75 76
CHARLOTTE 28212
MED COLL OF GA — 704 536-4903

BLUE, DANIEL WILLIAM — AN AC
10009 PINEVILLE--MATTHEWS RD. — 70 70 85
MATTHEWS 28105
BOWMAN GRAY — 704 375-6792

BOATRIGHT, JAMES RICHARD — HS /ORS AC
1822 BRUNSWICK AVENUE — 66 66 74
CHARLOTTE 28207
WASHINGTON U — 704 373-0544

BOEHM, O. ROBERT — A /IM AC
1012 KINGS DR., STE. 302 — 73 74 77
CHARLOTTE 28283
U OF KANSAS — 704 332-7731

BOGGS, LAWRENCE KENNEDY — U AC
1012 KINGS DRIVE — 49 54 56
CHARLOTTE 28283
JEFFERSON — 704 333-3825

BOLON, CHARLES GORDON — OBG /OBS AC
2711 RANDOLPH RD., STE. 512 — 48 56 56
CHARLOTTE 28207
OHIO STATE U — 704 333-4104

BOLZ, EVERETT ARTHUR — OTO AC
1350 KINGS DRIVE — 66 66 73
CHARLOTTE 28207
OHIO STATE U — 704 372-8750

BONGARDT, HENRY F., JR. — IM /A AC
7234 LANCER DRIVE — 56 56 70
CHARLOTTE 28226
U OF MARYLAND — 704 364-6812

BONNER, STEVEN PAUL — FP AC
6721 KNIGHTSWOOD DR. — 79 79 86
CHARLOTTE 28226
U OF ARKANSAS — 704 663-0261

BOS, JOHN FREMONT — PTH /CLP AC
P. O. BOX 220349 — 51 55 57
CHARLOTTE 28222
MED COLL OF VA — 704 366-6752

BOURGEOIS, JOHN ELLIOTT — OPH AC
1600 E. THIRD ST. — 79 82 85
CHARLOTTE 28207
U OF VIRGINIA — 704 372-3300

BOX, PATRICK — RHU /IM AC
2310 RANDOLPH ROAD — 73 74 85
CHARLOTTE 28207
U OF FLORIDA

BOYD, BASIL MANLY, JR. — ORS AC
1822 BRUNSWICK AVENUE — 53 53 58
CHARLOTTE 28207
BOWMAN GRAY — 704 373-0544

BOYD, JAMES FRANCIS — IM /ON AC
125 BALDWIN AVE. — 74 76 85
CHARLOTTE 28204
DUKE — 704 374-1696

BOYLSTON, JAMES ALAN — PTH AC
PRESBYTERIAN HOSP-PTH — 69 69 75
P. O. BOX 33549
CHARLOTTE 28233
DUKE — 704 371-4814

BRABSON, JOHN ANDERSON — GS /GYN L
1900 RANDOLPH RD. STE. 1004 — 39 43 44
CHARLOTTE 28207
HARVARD — 704 333-0611

BRADFORD, EDWARD AYERS — IM AC
201 E. MATTHEWS STREET — 76 79 81
MATTHEWS 28105
U OF FLORIDA — 704 365-0760

BRADFORD, WILLIAMSON Z., JR. — OBG AC
150 PROVIDENCE ROAD — 57 57 62
CHARLOTTE 28204
U OF PENN — 704 377-0461

BRAWLEY, BOBBY WATSON — NS AC
1010 EDGEHILL RD, NORTH — 59 59 72
CHARLOTTE 28207
U OF NC — 704 376-1605

BRENIZER, ADDISON GORGAS, JR. — GS /TS L
1333 QUEENS ROAD — 40 48 48
CHARLOTTE 28207
HARVARD — 704 376-4942

BREWSTER, VANN ALLEN — OM AC
DUKE POWER COMPANY — 60 60 84
P. O. BOX 33189
CHARLOTTE 28242
MED COLL OF GA — 704 373-6192

BRITTIAN, LOWELL ELLIS — GP AC
1900 CLOISTER DRIVE — 52 52 54
CHARLOTTE 28211
U OF MARYLAND — 704 366-1809

BROOKS, WILLIAM LESTER, JR. — IM /RHU AC
1851 E. THIRD STREET — 47 48 55
CHARLOTTE 28204
DUKE — 704 333-4175

BROWN, ANN CARLSON — P /CHP AC
1900 RANDOLPH RD., STE. 900 — 56 56 82
CHARLOTTE 28207
CASE WESTERN RES — 704 333-7722

BROWN, CHARLES WILLIAM — GYN /OBS L/RT
2127 QUEENS ROAD, EAST — 41 41 46
CHARLOTTE 28207
GEORGETOWN U — 704 333-9852

BROWN, RONALD LAUCHLIN — OBG AC
2711 RANDOLPH RD. STE. 305 — 74 75 84
CHARLOTTE 28207
MED U OF SC — 704 372-8020

BROWN, VASCUE O'NEIL — P AC
3532 MOUNTAINBROOK ROAD — 65 65 71
CHARLOTTE 28210
BOWMAN GRAY — 704 553-1179

BRYAN, WILLIAM BLAIR — PD AC
1700 ABBEY PLACE — 56 56 62
CHARLOTTE 28209
DUKE — 704 523-7232

BRYANT, WILLIAM FRANKLIN, JR. — PD AC
1700 ABBEY PLACE — 58 58 63
CHARLOTTE 28209
DUKE — 704 523-7232

BULLINGTON, WALTER G. — OPH /AM AC
4335 COLWICK RD. — 57 65 66
CHARLOTTE 28211
MED COLL OF VA — 704 364-7400

BULLOCK, WILLIAM ROBERT — IM /OM AC
217 TRAVIS AVENUE — 68 68 72
CHARLOTTE 28204
U OF TENNESSEE — 704 372-3350

BURGESS, WILLIAM PATRICK — NEP /IM AC
928 BAXTER STREET — 77 78 83
CHARLOTTE 28204
U OF MIAMI — 704 374-1321

BURNS, STANLEY SHERMAN, JR. — OTO AC
1600 E. THIRD STREET — 48 54 55
CHARLOTTE 28204
HARVARD — 704 372-3300

BURQUEST, BRET — P AC
9600 PINEVILLE-MATTHEWS RD. — 61 61 86
PO BOX 39
PINEVILLE 28134
U OF MIAMI — 704 541-0800

BUTER, THOMAS HENRY — ORS AC
120 PROVIDENCE ROAD — 75 76 81
CHARLOTTE 28207
U OF MICHIGAN — 704 377-0351

BYRNE, JOHN JACOB — AN AC
P. O. BOX 35169 — 78 79 83
CHARLOTTE 28235
ALBANY MED COLL — 704 338-2372

CALABRETTA, ARTHUR MATTHEW — PS AC
1012 KINGS DR., STE. 706 — 75 76 82
CHARLOTTE 28283
PENN STATE U — 704 333-7791

CALLAWAY, CLIFFORD KAY — EM AC
ROUTE #1, BOX 115-B — 70 71 79
PINEVILLE 28134
U OF OKLAHOMA — 704 588-3418

CAMPBELL, JAMES ARCHIBALD — OBG AC
1955 RANDOLPH ROAD — 60 60 69
CHARLOTTE 28207
U OF NC — 704 376-3536

CARMICHAEL, DENNIS D. — CHP /P AC
2711 RANDOLPH RD., STE. 205 — 50 57 58
CHARLOTTE 28207
U OF ABERDEEN — 704 372-5238

CARTER, COLEMAN DELYNNE — IM AC
217 TRAVIS AVENUE — 71 71 76
CHARLOTTE 28204
U OF NC — 704 372-3350

CATES, BANKS RALEIGH, JR. — IM AC
1012 KINGS DRIVE — 44 49 50
CHARLOTTE 28283
DUKE — 704 377-4578

CAUDLE, JOHN ALLEN — P AC
1900 RANDOLPH RD., STE. 918 — 67 67 72
CHARLOTTE 28207
BOWMAN GRAY — 704 333-7722

CAUGHRAN, JOHN HAMILTON — ORS AC
120 PROVIDENCE ROAD — 51 58 59
CHARLOTTE 28207
INDIANA U — 704 377-0351

CHAMBERS, KENNETH HENLEY — OBG AC
951 S. INDEPENDENCE BLVD. — 59 60 67
CHARLOTTE 28202
MEHARRY MED COLL — 704 377-0711

CHAMBLEE, DONALD VANCE — FP AC
211 S. SHARON AMITY ROAD — 56 56 61
CHARLOTTE 28211
U OF TENNESSEE — 704 366-7586

CHANDLER, JOE THURSTON — NEP /IM AC
928 BAXTER STREET — 63 63 72
CHARLOTTE 28204
MED U OF SC — 704 374-1321

CHAPLIN, CHARLES HAL — PS /GS AC
2215 RANDOLPH ROAD — 53 53 54
CHARLOTTE 28207
JEFFERSON — 704 372-6846

MECKLENBURG COMPONENT SOCIETY (Continued)

CHAPMAN, CHARLES GRANGER BLB
6134 DEVERON DRIVE 40 57 57
CHARLOTTE 28211
MED U OF SC 704 366-2057

CHAPMAN, TODD MASTERS ORS AC
1822 BRUNSWICK AVE. 79 79 77
CHARLOTTE 28207
BOWMAN GRAY 704 373-0544

CHEN, TONG YONG AN AC
PO BOX 31276 68 76 79
CHARLOTTE 28231
KAOHSIUNG M COLL 704 371-4049

CHEWNING, SAMUEL JACKSON, JR. ORS AC
1822 BRUNSWICK AVE. 79 80 84
CHARLOTTE 28207
U OF KENTUCKY 704 372-9820

CHILDERS, MELVIN DAVIS, JR OPH AC
1928 RANDOLPH RD., STE. 109 58 62 62
CHARLOTTE 28207
MED COLL OF VA 704 372-3070

CHRISTOPHER, WILLIAM E., JR P AC
242 S. COLONIAL AVE. 61 61 68
CHARLOTTE 28207
BOWMAN GRAY 704 375-4405

CHRYSLER, CHARLES OTIS FP AC
3894 E. INDEPENDENCE BLVD. 56 60 60
CHARLOTTE 28205
OHIO STATE U 704 537-5424

CITRON, DAVID SANFORD IM /FP AC
P. O. BOX 32861 44 52 53
CHARLOTTE 28232
WASHINGTON U 704 331-3146

CLARK, JOHN BLUE, JR. EM /IM AC
3830 SILVERBELL DRIVE 73 74 79
CHARLOTTE 28211
VANDERBILT U 704 371-4160

CLARK, WILLIAM MACKEY R AC
1704-A ROXBOROUGH ROAD 71 72 78
CHARLOTTE 28211
HARVARD 704 371-4058

CLEGG, HERBERT WILLIAMS, II PD /ID AC
3210 FOXCROFT ROAD 75 76 83
CHARLOTTE 28211
DUKE 704 374-1747

CLINTON, HOWARD LESLIE, JR. FP AC
5009 CELESTE CT. 73 74 79
MATTHEWS 28105
EMORY U 704 366-5002

CLONINGER, TIMOTHY EARL TR AC
P. O. BOX 35291 66 66 76
CHARLOTTE 28235
U OF NC 704 338-2272

CLONTZ, TED HAMILTON FP AC
402 E. SUGARCREEK RD. 80 83 81
CHARLOTTE 28213
BOWMAN GRAY 704 596-0822

CLOUD, WILLIAM GRAYDON GS /CDS AC
3535 RANDOLPH RD., STE. 201-W 77 77 84
CHARLOTTE 28211
U OF VIRGINIA 704 364-8100

COBEY, WILLIAM GRAY PD AC
2024 RANDOLPH ROAD 53 56 56
CHARLOTTE 28207
DUKE 704 375-4453

COFFEE, ARCHIE T., JR. N AC
1900 RANDOLPH ROAD 44 51 52
CHARLOTTE 28207
EMORY U 704 375-5663

COLE, ROBERT HICKMAN AN AC
1534 COVENTRY ROAD 45 58 59
CHARLOTTE 28211
U OF MANITOBA 704 366-0405

COLLAWN, THOMAS HERBERT AN AC
2334 THETFORD COURT 56 59 61
CHARLOTTE 28211
U OF MARYLAND 704 366-5311

CONARD-CORKEY, ELIZABETH M. PH /GPM L
519 HERMITAGE COURT 29 48 49
CHARLOTTE 28207
U OF MICHIGAN 704 375-7831

COOK, JOSEPH WILLIAM TS /CDS AC
1960 RANDOLPH ROAD 68 68 75
CHARLOTTE 28207
DUKE 704 373-1500

COOPER, TIM ERVIN, JR. IM /PUD AC
3535 RANDOLPH ROAD 59 59 67
CHARLOTTE 28211
DUKE 704 366-8240

COPELAND, DONALD LEE FP AC
ROUTE #1 63 63 66
DAVIDSON 28036
U OF NC 704 892-3723

COPPEDGE, THOMAS OLIVER, JR. DR AC
4201 ABINGDON ROAD 47 47 51
CHARLOTTE 28211
BOWMAN GRAY 704 376-5597

CORLEY, ROBERT WILLIAM IM /CD AC
1850 E. THIRD STREET 46 46 71
CHARLOTTE 28204
U OF MICHIGAN 704 375-8677

COUNCIL, JOHN CROMARTIE, JR. PD AC
1851 E. THIRD ST., STE. 103 61 61 68
CHARLOTTE 28204
U OF NC 704 333-6659

CRADDOCK, LARRY WAYNE OBG AC
449 N. WENDOVER RD. 72 73 80
CHARLOTTE 28211
U OF ALABAMA 704 376-0360

CRAIN, JACK LEE GYN /END AC
CHARLOTTE MEMORIAL HOSPITAL 66 66 85
DEPT. OF OB-GYN
CHARLOTTE 28232
U OF ARKANSAS 704 372-4600

CRANDALL, ROBERT GORDON P AC
1900 RANDOLPH RD. STE. 900 56 56 82
CHARLOTTE 28207
DALHOUSIE U 704 333-7722

CRAVEN, DALLAS CLIFFORD, JR. GS AC
2104 RANDOLPH ROAD 75 79 80
CHARLOTTE 28207
U OF NC 704 377-3900

CROSBY, BETTY JEAN HALL PD AC
7119 ROLLINGRIDGE DR. 78 78 78
CHARLOTTE 28211
U OF NC 704 365-0605

CULP, JOHN HARRY, JR. GYN AC
401 S. SHARON AMITY ROAD 61 64 71
CHARLOTTE 28211
LOMA LINDA U 704 365-0110

CULPEPPER, FRED CARROLL, III PD AC
1851 E. THIRD ST., STE. 103 67 67 73
CHARLOTTE 28204
LA STATE U 704 333-6659

CULTON, JULIAN CLARK OPH AC
1600 E. THIRD STREET 56 56 63
CHARLOTTE 28204
DUKE 704 372-3300

CURRY, CLAYTON SMITH GYN L
1309 PLAZA 44 46 50
CHARLOTTE 28205
U OF TENNESSEE 704 376-5698

CUTTINO, JOHN TINDAL PTH L
101 HIGHLAND FOREST DRIVE 36 49 65
MATTHEWS 28105
MED U OF SC 704 847-4957

DALTO, CARMINE PUD /IM AC
1928 RANDOLPH RD. STE. 206 76 76 76
CHARLOTTE 28207
NEW YORK U 704 375-9932

DALTON, CLAUDETTE E. H. AN AC
3205 GLEN TERRACE 74 82 83
CHARLOTTE 28211
U OF VIRGINIA 704 364-6228

DASHER, GEORGE ALBERT U AC
1333 ROMANY ROAD 73 74 80
CHARLOTTE 28204
MED COLL OF GA 704 372-5180

DAUGHERTY, HARRY KARRICK TS /CDS AC
1960 RANDOLPH ROAD 59 63 65
CHARLOTTE 28207
U OF LOUISVILLE 704 373-1500

DAVENPORT, JOHN EMMETT IM AC
201 E. MATTHEWS ST. 74 80 83
MATTHEWS 28105
U OF NEW MEXICO 704 847-3380

†DECAMP, ALLEN LEDYARD OBG L
3411 SEWARD PLACE 34 37 38
DECEASED -- 4-26-86
CHARLOTTE 28211
U OF PENN 704 366-4015

DEE, ARTHUR LAURENCE PTH AC
5210 CARMEL PARK DRIVE 51 51 73
CHARLOTTE 28226
JOHNS HOPKINS 704 331-2251

DEHOFF, PHILIP WILLIAM OBG AC
3535 RANDOLPH RD., STE. 105 80 81 84
CHARLOTTE 28211
U OF SOU FLORIDA 704 365-0470

DELTA, BASIL GEORGE GPM /PD AC
249 BILLINGSLEY ROAD 52 60 80
CHARLOTTE 28211
ISTANBUL U 704 375-1885

DEMAS, RONALD CHARLES N /PM AC
2115 EAST 7TH ST.,STE. 101 65 66 72
CHARLOTTE 28204
INDIANA U 704 372-3714

DENNIS, RONALD GREENE OTO AC
3535 RANDOLPH ROAD 71 71 79
CHARLOTTE 28211
BOWMAN GRAY 704 365-0711

DENNY, KEVIN M. P AC
1900 RANDOLPH ROAD 80 81 84
CHARLOTTE 28207
CASE WESTERN RES 704 333-7722

DIAZ-BUXO, JOSE ANTONIO NEP /IM AC
928 BAXTER STREET 70 71 75
CHARLOTTE 28204
U OF PUERTO RICO 704 374-1321

DICKERSON, LEON ARCHIBALD, JR. ORS AC
PO BOX 35228 70 74 78
CHARLOTTE 28235
WEST VA U 704 372-9820

DICKSON, F. KEELS OTO /A AC
485 N. WENDOVER RD. 67 67 74
CHARLOTTE 28211
MED U OF SC 704 366-7921

DILLARD, SAM BOOKER D AC
1900 RANDOLPH ROAD, STE. 312 46 46 50
CHARLOTTE 28207
MED COLL OF VA 704 333-8811

DORENBUSCH, ALFRED ADOLPH OTO L/RT
2734 HAMPTON AVENUE 40 46 46
CHARLOTTE 28207
U OF LOUISVILLE 704 334-0498

DORNBLAZER, GEORGE HENRY P AC
2315 RANDOLPH RD. 77 78 85
CHARLOTTE 28207
WEST VA U 704 377-4243

DORSETT, JOHN DEWEY, JR. IM /CD AC
1851 E. THIRD STREET 51 51 56
CHARLOTTE 28204
WASHINGTON U 704 333-4175

DOUGLAS, JOHN MUNROE IM L
1900 RANDOLPH ROAD, STE. 904 39 49 50
CHARLOTTE 28207
DUKE 704 333-0125

DOWNS, POSEY EDGAR, JR. OBG AC
1928 RANDOLPH ROAD 52 52 56
CHARLOTTE 28207
BOWMAN GRAY 704 376-1612

DUDLEY, ALLISON JOHNSON PD AC
2317 RANDOLPH ROAD 78 79 77
CHARLOTTE 28207
U OF NC 704 376-5572

DULIN, THOMAS LEROY FP AC
P. O. BOX 220892 57 57 61
CHARLOTTE 28222
DUKE 704 366-5002

DUNAWAY, HOWARD YATES, III ORS AC
1012 S. KINGS DR., STE. 101 77 79 84
CHARLOTTE 28283
BOWMAN GRAY 704 372-0743

DUPUY, DAVID NORRIS ORS AC
3535 RANDOLPH ROAD 70 71 76
CHARLOTTE 28211
U OF MIAMI 704 365-2111

DUPUY, SAMUEL STUART U AC
301 HAWTHORNE LANE 69 72 76
CHARLOTTE 28204
U OF FLORIDA 704 374-0236

MECKLENBURG COMPONENT SOCIETY (Continued)

EASTON, EDWARD JAMES, JR. NM /DR AC
2332 SEDLY ROAD 69 71 77
CHARLOTTE 28211
TUFTS U 704 373-2430

EDWARDS, CHARLES H., II CDS /TS AC
301 HAWTHORNE LANE 73 73 84
CHARLOTTE 28204
U OF NC 704 375-8413

EICHENBRENNER, TIMOTHY JOHN PD AC
225 HAWTHORNE LN., STE. 202 79 82 82
CHARLOTTE 28204
EASTERN VA 704 332-8111

EISENBERG, CARL JESSE R AC
9554 HUNTING COURT 75 75 83
MATTHEWS 28105
ST U OF NEW YORK 704 379-5860

ELLIOTT, CHARLES MARTIN CD /IM AC
1960 RANDOLPH ROAD 70 70 77
CHARLOTTE 28207
MED COLL OF VA 704 373-1503

ELLIOTT, JOS. ALEXANDER, JR. D AC
1900 RANDOLPH RD. SUITE 714 44 44 45
CHARLOTTE 28207
U OF MICHIGAN 704 375-0043

ELLIS, CLARENCE ONEIL IM AC
1100 BLYTHE BLVD. 80 81 85
CHARLOTTE 28203
U OF NC 704 372-9884

ENSOR, ROBERT DALE U AC
1333 ROMANY ROAD 61 61 71
CHARLOTTE 28204
OHIO STATE U 704 372-5180

ESTWANIK, JOSEPH JOHN ORS AC
1925 CLEMATIS DRIVE 73 73 78
CHARLOTTE 28211
BOWMAN GRAY 704 366-5135

EUBANKS, WILLIAM M., JR. OBG AC
1712 E. FOURTH STREET 54 60 60
CHARLOTTE 28204
MED COLL OF GA 704 375-9074

EVANGELIST, FELIX ANTHONY CDS /TS AC
1900 RANDOLPH RD. STE. 408 58 58 71
CHARLOTTE 28207
GEORGETOWN U 704 333-7731

FADIAL, JOHN MURRAY EM AC
1919 QUEENS ROAD, WEST 67 67 70
CHARLOTTE 28207
U OF FLORIDA 704 371-4160

FAGAN, JAMES ARTHUR DR /NM AC
310 GLEN OAKS ROAD 66 66 73
CHARLOTTE 28226
MED U OF SC 704 371-4056

FARMER, CHARLES DUDLEY NEP /IM AC
928 BAXTER ST. 58 58 67
CHARLOTTE 28207
INDIANA U 704 374-1321

FARNHAM, ROBERT, III PTH AC
3223 LONG VALLEY ROAD 74 75 74
MATTHEWS 28105
U OF PENN 704 371-4814

FEDOR, JOHN MICHAEL CD /IM AC
2227 RADCLIFFE AVE. 76 76 84
CHARLOTTE 28207
DUKE 704 373-1500

FEE, BRUCE EDGAR R AC
1350 S. KINGS DRIVE 72 73 79
CHARLOTTE 28207
CREIGHTON U 704 372-8750

FEEZOR, CHARLES NOEL, JR. U AC
3535 RANDOLPH ROAD, STE. 101 62 62 70
CHARLOTTE 28211
BOWMAN GRAY 704 366-4631

FELDMAN, WALTER SIDNEY P /LM AC
501 BILLINGSLEY RD. 43 45 86
CHARLOTTE 28211
TUFTS U 704 375-3575

FELKNER, RICHARD S. OTO AC
1600 E. THIRD STREET 60 67 67
CHARLOTTE 28204
WASHINGTON U 704 372-3300

FENNING, ROBERT LAWRENCE ON /ON AC
3535 RANDOLPH ROAD 64 64 69
CHARLOTTE 28211
U OF VERMONT 704 365-0760

FERNANDEZ, CHARLES RAYMOND ID AC
1350 S. KINGS DRIVE 68 68 76
CHARLOTTE 28207
TULANE U 704 372-8750

FERREE, CHARLES ELLIOT IM AC
3535 RANDOLPH RD. 80 82 86
CHARLOTTE 28211
U OF NC 704 365-0760

FINGER, FREDERICK ELI, III NS AC
1900 RANDOLPH RD., STE. 502 76 77 86
CHARLOTTE 28207
VANDERBILT U 704 372-8860

FINKLEA, ORION TOWNSEND U AC
1333 ROMANY ROAD 55 63 63
CHARLOTTE 28204
MED U OF SC 704 372-5180

FISCHER, JOAL PD AC
1012 KINGS DR., STE. 923 74 77 85
CHARLOTTE 28283
U OF ILLINOIS 704 374-2701

FISHER, EDWARD CARL OBG AC
1023 EDGEHILL ROAD 71 71 78
CHARLOTTE 28207
U OF TENNESSEE 704 373-1541

FISHER, MARSHALL LOUIS P L
140 E. 83RD ST., APT. 11-C 35 35 52
NEW YORK, NY 10028
U OF ILLINOIS 212 535-8747

FLEISHMAN, LAWRENCE MARK IM AC
7110 LAWYER'S ROAD 82 85 86
CHARLOTTE 28211
U OF NC 704 568-6500

FLEMING, LAURENCE EDWIN ABS L
1116 PROVIDENCE ROAD 31 31 34
CHARLOTTE 28207
U OF PENN 704 332-6896

FOLLMER, RONALD LESTER N AC
1729 CAVENDISH COURT 66 67 76
CHARLOTTE 28211
TEMPLE U 704 377-9323

FORD, MARSHA DEAN EM /IM AC
109 CEDAR LANE 79 81 85
CHARLOTTE 28226
MED U OF SC 704 331-3181

FORT, LYNN, III GS /TS AC
3535 RANDOLPH ROAD, 201-W 60 60 68
CHARLOTTE 28211
DUKE 704 364-8100

FOUST, JOHN WORTH OT AC
3535 RANDOLPH ROAD 55 55 62
CHARLOTTE 28211
U OF NC 704 365-0711

FOX, JOE THOMAS, JR. P AC
1900 RANDOLPH ROAD 60 60 66
CHARLOTTE 28207
U OF NC 704 333-7722

FRAASA, ROBERT CONRAD FP AC
4625 COLONY RD. H 53 56 56
CHARLOTTE 28226
U OF CINCINNATI 704 535-4011

FRASER, DONALD DOYLE D AC
1350 S. KINGS DR. 80 81 85
CHARLOTTE 28207
NJ COLL OF MED 704 372-8750

FRASER, ROBERT WELLINGTON, III TR AC
601 ROBMONT ROAD 75 77 79
CHARLOTTE 28211
U OF PENN 704 338-2272

FRAZIER, ARNOLD RAY PUD /IM AC
CHARLOTTE MEMORIAL HOSPITAL 69 70 75
P. O. BOX 32861
CHARLOTTE 28232
U OF KENTUCKY 704 331-2121

FRIEND, CHARLES WAIN PD /ADL AC
249 BILLINGSLEY 70 71 83
CHARLOTTE 28211
EMORY U 704 375-1885

FRYE, JOSEPH CRAIG R AC
3535 RANDOLPH ROAD, #102 60 60 69
CHARLOTTE 28211
U OF NC 704 365-0343

GAGE, LUCIUS GASTON, JR. A AC
1350 S. KINGS DRIVE 48 52 53
CHARLOTTE 28207
DUKE 704 372-8750

GALENTINE, PAUL GUY, III OPH AC
3535 RANDOLPH RD., STE. 202 76 77 85
CHARLOTTE 28211
DUKE 704 364-8576

GALLAGHER, JOHN JOSEPH CD /IM AC
1960 RANDOLPH ROAD 68 74 84
CHARLOTTE 28207
GEORGETOWN U 704 373-1503

GALLAGHER, KATHLEEN ANN DR AC
130 LAKE CONCORD RD. 76 76 84
CONCORD 28025
U OF NC 704 786-0214

GARDELLA, JOHN EUGENE PUD AC
125 BALDWIN AVE. 74 75 79
CHARLOTTE 28204
NEW YORK U 704 374-1696

GARRISON, ROBERT LEE GS AC
225 HAWTHORNE LANE 44 44 53
CHARLOTTE 28204
BOWMAN GRAY 704 377-1349

GASKIN, ERNEST REED OPH AC
100 QUEENS RD. 51 52 56
CHARLOTTE 28204
EMORY U 704 332-1156

GASKIN, LEWIS REED OPH AC
100 QUEENS RD. 80 84 85
CHARLOTTE 28204
EMORY U 704 332-1156

GAUL, JOHN STUART, JR. HS AC
PO BOX 35228 46 46 53
CHARLOTTE 28235
TEMPLE U 704 372-9820

GAUNT, GEORGE LOREN, JR. PTH AC
2034 RANDOLPH RD. 82 83 84
CHARLOTTE 28207
YALE 704 372-4600

GAVIGAN, THOMAS JOSEPH GE AC
125 BALDWIN AVENUE 74 75 84
CHARLOTTE 28204
GEORGETOWN U 704 374-1696

GAY, CHARLES HOUSTON PD L/RT
2320 QUEENS ROAD, EAST 33 36 38
CHARLOTTE 28207
DUKE 704 333-7479

GAZAK, JOHN MICHAEL U AC
1900 RANDOLPH RD. STE. 816 74 74 82
CHARLOTTE 28207
U OF PENN 704 334-3033

GEISSINGER, WILLIAM TUTTLE GS AC
2711 RANDOLPH RD., STE. 502 65 65 85
CHARLOTTE 28207
U OF VIRGINIA 704 372-8750

GESING, BERNARD FRANCIS FP AC
10724 PARK ROAD 79 80 83
PINEVILLE 28134
MED COLL OF GA 704 542-6577

GIBLIN, THOMAS RICHARD PS AC
1900 RANDOLPH ROAD, #300 55 63 66
CHARLOTTE 28207
EMORY U 704 332-4161

GIBSON, JOHN MCNEILL IM AC
212 S. TRYON ST., STE. 1500 72 72 84
CHARLOTTE 28281
U OF NC 704 333-6544

GILBERT, PAUL PRESSLY ORS AC
2300-B RANDOLPH ROAD 77 78 84
CHARLOTTE 28207
DUKE 704 375-5955

GILL, LOWELL HARLEY ORS AC
1822 BRUNSWICK AVENUE 70 70 77
CHARLOTTE 28207
DUKE 704 373-0544

GILMOUR, MONROE TAYLOR IM L/RT
1300 BAXTER ST., STE. 163 36 41 41
CHARLOTTE 28204
HARVARD 704 375-0287

GLASGOW, DOUGLAS MCKAY IM /GER L
924 DOCTOR'S BUILDING 43 50 51
CHARLOTTE 28283
MCGILL U 704 375-5674

GLOVER, JOHN SNOW OBG AC
1851 E. THIRD STREET 59 59 65
CHARLOTTE 28204
DUKE 704 332-8103

MECKLENBURG COMPONENT SOCIETY (Continued)

GODWIN, HERMAN ALLEN, JR. HEM /IM AC
2711 RANDOLPH RD. #100 63 63 75
CHARLOTTE 28207
BOWMAN GRAY 704 373-0700

GOLDBERG, TREVOR IAN OTO AC
1600 E. THIRD STREET 75 78 83
CHARLOTTE 28204
U-WITWATERSRAND 704 372-3300

GOLEMBE, BARRY LOUIS PD /PHO AC
1350 S. KINGS DRIVE 74 75 80
CHARLOTTE 28207
MED COLL OF VA 704 372-8750

GOODMAN, DONALD BRUCE, JR. FP AC
6708 ALBEMARLE RD. 73 75 76
CHARLOTTE 28212
U OF NC 704 536-4903

GOUTOS, JOHN D. IM AC
2115 E. 7TH ST., STE. 102 69 75 76
CHARLOTTE 28204
U OF ATHENS 704 372-3126

GRAHAM, DAVID ERIC GP /AM AC
P. O. BOX 459 52 54 54
MATTHEWS 28105
U OF MARYLAND 704 847-8664

GRAHAM, WALTER RALEIGH OPH L/RT
743 HEMPSTEAD PLACE 40 40 50
CHARLOTTE 28207
U OF MARYLAND 704 334-6014

GRAHAM, WALTER RALEIGH, JR. D AC
3535 RANDOLPH ROAD 70 73 77
CHARLOTTE 28211
U OF PENN 704 365-1238

GREAVES, MARK KESSLER EM AC
7323 SHERWOOD FOREST DR. 80 80 82
CHARLOTTE 28226
INDIANA U 704 547-9200

GREEN, EDWARD GRAHAM PD /ADL AC
2711 RANDOLPH RD., STE. 206 63 63 69
CHARLOTTE 28207
U OF TENNESSEE 704 372-3163

GREENE, RALPH LEON, JR. IM AC
3535 RANDOLPH ROAD 70 74 76
CHARLOTTE 28211
WEST VA U 704 365-0760

GREENE, ROBERT HADLEY FP RT
2001 OAKLAWN AVENUE 27 28 65
CHARLOTTE 28216
HOWARD U 704 332-7506

GREENHOOT, JERRY HARVEY NS AC
1010 EDGEHILL ROAD NORTH 62 62 73
CHARLOTTE 28207
U OF CALIF-LA 704 376-1605

GREENMAN, MAXWELL OPH AC
309 S. LAUREL AVENUE 67 67 74
CHARLOTTE 28207
NEW YORK U 704 372-4380

GREENWOOD, JAMES BROOKS, JR. FP AC
4101 CENTRAL AVENUE 44 44 47
CHARLOTTE 28205
U OF PENN 704 537-0020

GREIG, JOHN HAMILTON AN AC
4401 COLWICK ROAD #702 56 56 74
CHARLOTTE 28211
U OF GLASGOW 704 366-9408

GRIFFIN, EZRA DANIEL, JR. OBG AC
449 N. WENDOVER ROAD 73 73 77
CHARLOTTE 28211
U OF NC 704 364-3760

GRIFFIN, WILLIAM RUSSELL, JR. ORS AC
3535 RANDOLPH ROAD, STE. 103 64 64 71
CHARLOTTE 28211
BOWMAN GRAY 704 365-2111

GRIGG, CLAUD MCNEILL IM /CD AC
217 TRAVIS AVENUE 61 62 67
CHARLOTTE 28204
U OF NC 704 372-3350

GRIVAS, NICHOLAS ELLSWORTH NS AC
1928-312 RANDOLPH ROAD 65 65 74
CHARLOTTE 28207
U OF TEXAS-SW 704 377-9312

GRODE, MICHAEL JAMES PD AC
149 PROVIDENCE ROAD 66 74 74
CHARLOTTE 28207
EMORY U 704 372-6525

GROMET, MATTHEW DR AC
3535 RANDOLPH ROAD 79 80 84
CHARLOTTE 28211
U OF NY-ST BROOK 704 365-0343

GROOVER, CALTON DOUGLAS PTH AC
P. O. BOX 32861 62 67 68
CHARLOTTE 28232
MED COLL OF GA 704 331-3227

GRUBB, WALTER LEE, JR. DR AC
3535 RANDOLPH RD. STE. 102 61 61 72
CHARLOTTE 28211
MED COLL OF VA 704 365-0343

GRUHN, WILLIAM BRYANT IM /RHU AC
1350 S. KINGS DRIVE 74 75 81
CHARLOTTE 28207
DARTMOUTH U 704 372-8750

HALL, DONALD GAMMON CD AC
1960 RANDOLPH ROAD 65 65 73
CHARLOTTE 28207
U OF FLORIDA 704 373-1503

HALL, JAMES BRYAN OBG /ON AC
CHARLOTTE MEMORIAL HOSP. 74 75 82
P. O. BOX 32861
CHARLOTTE 28232
MED U OF SC 704 331-3149

HAMER, RICHARD DALLAS D AC
1900 RANDOLPH RD., STE. 416 64 64 84
CHARLOTTE 28207
BOWMAN GRAY 704 335-1761

HAMILTON, FRANK H., JR IM /A AC
3740 FREEDOM DRIVE 51 51 55
CHARLOTTE 28208
U OF VIRGINIA 704 399-3749

HAMILTON, JAMES PRESSLY PDS AC
2104 RANDOLPH ROAD 58 58 65
CHARLOTTE 28207
U OF PENN 704 377-3900

HAMMER, DONALD EDWIN GS AC
2206 CUMBERLAND AVENUE 66 68 74
CHARLOTTE 28203
U OF ROCHESTER 704 375-3504

HANNA, RICHARD TINSLEY FP /HYP AC
6900 FARMINGDALE DRIVE 76 77 79
CHARLOTTE 28212
MED U OF SC 704 536-1362

HANSON, JOHN STEPHEN GE /IM AC
5439 CAMILLA DRIVE 79 79 84
CHARLOTTE 28226
WASHINGTON U 704 373-0700

HARBEN, DOUGLAS JAMES D /IM AC
3535 RANDOLPH RD., STE. 101-W 70 71 79
CHARLOTTE 28211
SYRACUSE 704 364-6110

HARBOLD, NORRIS BROWN, JR. CD /IM AC
1960 RANDOLPH ROAD 66 66 71
CHARLOTTE 28207
GEO WASHINGTON U 704 373-1503

HARDMAN, EDWARD F. GYN /OBS L/RT
1000 HUNTINGTON PARK DR. 38 47 47
CHARLOTTE 28211
TEMPLE U 704 366-1962

HARRELL, LONNIE CLAYTON, III OBG AC
150 PROVIDENCE ROAD 72 72 74
CHARLOTTE 28207
U OF NC 704 377-0461

HARRIS, CHARLES THEODORE, JR. AN AC
401 FESBROOK COURT 51 51 53
CHARLOTTE 28226
U OF VIRGINIA 704 371-4049

HARRIS, CHARLES WALKER CD /IM AC
125 BALDWIN AVE. 60 60 66
CHARLOTTE 28204
U OF NC 704 374-1696

HARRISON, FRANK N. H., JR OBG AC
449 N. WENDOVER ROAD 73 74 77
CHARLOTTE 28211
MED COLL OF GA 704 364-3760

HARSTON, PHILLIP REED OBG AC
2711 RANDOLPH RD. STE. 512 79 80 84
CHARLOTTE 28207
U OF LOUISVILLE 704 333-4104

HARTLE, EDGAR OWEN EM AC
821 MT. VERNON AVE. 81 82 83
CHARLOTTE 28203
PENN STATE U 704 334-8419

HATTEN, HOMER PAUL, JR. DR /NM AC
PRESBYTERIAN HOSP.-RAD 73 73 79
P. O. BOX 33549
CHARLOTTE 28233
WEST VA U 704 371-4057

HAUCH, THOMAS WRAY ON /HEM AC
1350 S. KINGS DRIVE 72 77 79
CHARLOTTE 28207
NORTHWESTERN U

HAWES, ANNE COLCLOUGH N AC
1900 BRUNSWICK AVENUE 76 78 83
CHARLOTTE 28207
U OF NC 704 377-9323

HAWES, G. AUBREY U L/RT
800 CHEROKEE ROAD, UNIT 932 33 33 39
CHARLOTTE 28207
VANDERBILT U 704 372-3812

HAWES, SAMUEL PINCKNEY, III U AC
1333 ROMANY ROAD 67 67 75
CHARLOTTE 28204
VANDERBILT U 704 372-5180

HAWES, STEPHEN JAMES, JR. ID /IM AC
5616 GLENKIRK ROAD 76 77 83
CHARLOTTE 28210
U OF NC 704 372-3350

HAYES, HUGH HARRISON,JR. R AC
P. O. BOX 33549 49 60 60
CHARLOTTE 28233
U OF TENNESSEE 704 371-4000

HEINIG, CHARLES FREDERICK ORS /GS AC
1822 BRUNSWICK AVENUE 55 61 61
CHARLOTTE 28207
SYRACUSE 704 373-0544

†HENRY, HECTOR HIMEL FP L
3008 CLOVERFIELD RD. 36 36 58
DECEASED -- 5-24-86
CHARLOTTE 28211
TULANE U 704 366-0421

HERRIN, ROBERT ALEXANDER MFS AC
3211 VALENCIA TERRACE 79 80 81
CHARLOTTE 28211
U OF NC 704 376-0216

HERSHEY, CHARLES DANA, JR. AN AC
2119 MALVERN ROAD 70 73 77
CHARLOTTE 28207
U OF PENN 704 332-6941

HESS, PHILIP JOSEPH CDS /TS AC
1960 RANDOLPH ROAD 68 68 77
CHARLOTTE 28207
OHIO STATE U 704 373-1500

HEYER, ROBERT ALLAN PUD /IM AC
2711 RANDOLPH ROAD, #100 73 74 80
CHARLOTTE 28207
U OF TEXAS-SW 704 373-0700

HICKEY, DOCIA ELIZABETH NPM /PD AC
CHARLOTTE MEM. HOSP. 75 75 80
PO BOX 32861
CHARLOTTE 28232
BOWMAN GRAY 704 331-3156

HICKS, J. ROBINSON ORS AC
1350 KINGS DRIVE 53 60 61
CHARLOTTE 28207
U OF VIRGINIA 704 372-8750

HIESTAND, FITZ GERALD, JR. GE /IM AC
1350 S. KINGS DRIVE 56 58 61
CHARLOTTE 28207
U OF VIRGINIA 704 372-8250

HINSHAW, HOWARD THOMAS END /IM AC
1350 S. KINGS DRIVE 66 66 74
CHARLOTTE 28207
U OF NC 704 372-8750

HIPP, EDWARD REGINALD, JR. GS /TS AC
1350 S. KINGS DRIVE 47 47 47
CHARLOTTE 28207
U OF VIRGINIA 704 372-8750

HISLEY, JOHN CHARLES OBG /NPM AC
917 BERKELEY AVENUE 65 65 75
CHARLOTTE 28203
U OF MARYLAND 704 331-3149

HOBSON, JACK BROWN IM /HEM AC
125 BALDWIN AVE. 57 57 63
CHARLOTTE 28204
U OF NC 704 374-1696

MECKLENBURG COMPONENT SOCIETY (Continued)

HODGES, HORACE HAYDEN IM /GE L/RT
ROUTE #1, BOX 102-L 40 40 47
PINEVILLE 28134
U OF PENN 704 338-6300

HOKE, HAROLD REID GYN AC
4401 COLWICK RD., STE. 200 52 52 57
CHARLOTTE 28211
BOWMAN GRAY 704 364-3714

HOLBROOK, WILLIAM DOUGLAS P L/RT
34 LUVAN WAY 46 47 50
DEBORDIEU COLONY
GEORGETOWN, SC 29440
BOWMAN GRAY

HOLLADAY, GLENN CLYDE PD AC
2711 RANDOLPH RD., STE. 301 80 82 84
CHARLOTTE 28207
MED U OF SC 704 364-0740

HOLLEMAN, JEREMIAH H. JR. GS /VS AC
1350 S. KINGS DR. 71 71 85
CHARLOTTE 28207
TULANE U 704 372-8750

HOLLENBECK, JOHN IVOR GS AC
3535 RANDOLPH RD., STE. 201-W 68 68 76
CHARLOTTE 28211
OHIO STATE U 704 364-8100

HOLLINGSWORTH, WALTER C. OBG AC
1928 RANDOLPH ROAD 59 59 64
CHARLOTTE 28207
BOWMAN GRAY 704 376-1612

HOLLOWELL, VICTOR BOYCE GS AC
1012 KINGS DRIVE 46 53 55
CHARLOTTE 28283
HARVARD 704 375-8281

HOLSCHER, EDWARD CHARLES CHP /P AC
1900 RANDOLPH ROAD, #918 65 65 76
CHARLOTTE 28207
U OF MISSOURI 704 333-7724

HONEYCUTT, DANNY MORRIS FP AC
10724 PARK ROAD 79 80 83
CHARLOTTE 28210
BOWMAN GRAY 704 542-6577

HONG, JAE HONG FP AC
P. O. BOX 69 57 57 75
WAXHAW 28173
SEOUL NATL U 704 843-3916

HOOD, CHRISTOPHER KENNEDY OBG AC
1712 E. FOURTH STREET 54 54 59
CHARLOTTE 28204
JEFFERSON 704 375-9074

HOPE, HAROLD PAGAN, JR. GS AC
2300 RANDOLPH ROAD 67 73 75
CHARLOTTE 28207
MED U OF SC 704 376-0327

HORNER, DONALD STANLEY OBG /PD AC
1350 S. KINGS DRIVE 75 75 83
CHARLOTTE 28207
U OF MARYLAND 704 372-8750

HOWELL, NELSON NEIL OTO /HNS AC
3535 RANDOLPH ROAD 66 66 73
CHARLOTTE 28211
U OF NC 704 365-0711

HUEY, THOMAS WALKER, JR. GYN AC
1012 KINGS DRIVE 42 43 50
CHARLOTTE 28283
U OF PENN 704 375-4216

HUMPHREY, JOHN EDWARD, JR. P AC
2040 RANDOLPH RD. 75 76 86
CHARLOTTE 28207
DUKE 704 334-0875

HUMPHRIES, DAVID SCOTT ORS AC
1350 S. KINGS DRIVE 56 67 68
CHARLOTTE 28207
MED COLL OF VA 704 372-8750

HUNTLEY, DANNY EDWARD FP AC
6708 ALBEMARLE RD. 77 78 85
CHARLOTTE 28212
BOWMAN GRAY

HUTCHESON, JAMES STERLING A AC
1350 S. KINGS DRIVE 61 68 68
CHARLOTTE 28207
JOHNS HOPKINS 704 372-8750

HUTCHINS, KENNETH RAYMOND U AC
1350 S. KINGS DRIVE 63 63 72
CHARLOTTE 28207
U OF MICHIGAN 704 372-8750

HUTCHINSON, FORNEY, III ORS AC
1822 BRUNSWICK AVENUE 68 68 77
CHARLOTTE 28207
DUKE 704 373-0544

IRONS, GEORGE VERNON, JR. CD /IM AC
1350 S. KINGS DRIVE 56 64 66
CHARLOTTE 28207
U OF ALABAMA 704 372-8750

JABEN, SCOTT LEONARD OPH AC
309 S. LAUREL AVE. 77 78 83
CHARLOTTE 28207
U OF MIAMI 704 372-4380

JACKSON, CHARLES THOMAS OBG AC
5950 FAIRVIEW RD., STE. 100 65 66 85
3 FAIRVIEW PLAZA
CHARLOTTE 28210
U OF ROCHESTER 704 551-4200

JACOBS, WILLIAM EDWARD PS /GS AC
2215 RANDOLPH ROAD 69 70 77
CHARLOTTE 28207
U OF PENN 704 372-6846

JAMES, CHARLES GREENE IM AC
951 S. INDEPENDENCE BLVD. 53 54 80
CHARLOTTE 28202
MEHARRY MED COLL 704 377-2188

JAMES, RICHARD THOMAS, JR. IM AC
217 TRAVIS AVENUE 43 54 54
CHARLOTTE 28204
U OF PENN 704 372-3350

JEMSEK, JOSEPH GREGORY ID /IM AC
1321 CAVENDISH COURT 74 75 80
CHARLOTTE 28211
U OF ILLINOIS 704 372-8750

JETT, HARRIMAN HARDING GS AC
2104 RANDOLPH ROAD 67 67 72
CHARLOTTE 28207
MED U OF SC 704 377-3900

JOHNSTON, DAVID SOMERS ORS AC
1822 BRUNSWICK AVENUE 61 66 67
CHARLOTTE 28207
U OF TENNESSEE 704 373-0544

JOHNSTON, HARVEY WYLIE U AC
101 W. T. HARRIS BLVD. 52 56 56
CHARLOTTE 28213
GEO WASHINGTON U 704 547-1392

JOHNSTON, JOHN GARDNER PD AC
1700 ABBEY PLACE 69 69 75
CHARLOTTE 28209
U OF NC 704 523-7232

JONES, JAMES BUCKNER IM /PUD AC
3535 RANDOLPH ROAD 79 84 85
CHARLOTTE 28211
VANDERBILT U 704 365-0760

JONES, JERRY ANTHONY IM /GE AC
1012 S. KINGS DR. STE 100 74 79 86
CHARLOTTE 28283
MEHARRY MED COLL

JONES, O. HUNTER OBG L
1710 QUEENS ROAD, W. 33 33 37
CHARLOTTE 28207
COLUMBIA U 704 333-0455

JOYCE, DONALD GEORGE ORS AC
3535 RANDOLPH ROAD, #103 63 67 68
CHARLOTTE 28211
U OF OTTAWA 704 365-2111

JUSTIS, HOMER RODEHEAVER U AC
1012 KINGS DRIVE 46 51 53
CHARLOTTE 28283
U OF VIRGINIA 704 334-6449

KALINA, KENT MICHAEL P AC
1012 KINGS DR., STE. 701 79 80 83
CHARLOTTE 28283
U OF NC 704 376-2810

KAMP, MAURICE ARTHUR PH /GPM H
1400 DREXEL PLACE 32 33 63
CHARLOTTE 28209
MED COLL OF VA 704 525-3468

KAUFMAN, MICHAEL DAVID N /GPM AC
126 COTTAGE PLACE 71 72 80
CHARLOTTE 28207
DUKE 704 334-7311

KELEMEN, WILLIAM ARTHUR IM AC
1928 RANDOLPH ROAD 50 59 59
CHARLOTTE 28207
OHIO STATE U 704 334-1086

KELLAM, DONALD SWIFT, JR. ORS AC
120 PROVIDENCE ROAD 55 60 61
CHARLOTTE 28207
GEO WASHINGTON U 704 377-0351

KELLER, GUY OTIS GS AC
3535 RANDOLPH RD., STE. 200-A 44 55 55
CHARLOTTE 28211
U OF VIRGINIA 704 364-2500

KELLY, LUTHER W., JR. END /NM AC
1350 S. KINGS DR. 48 54 55
CHARLOTTE 28207
HARVARD 704 372-8750

KENNEY, RICHARD DREW PD /ADL AC
1000 BLYTHE BLVD. 67 68 83
PO BOX 32861
CHARLOTTE 28234
GEORGETOWN U 704 331-3156

KIDD, RALPH VINCENT, JR. IM AC
1928 RANDOLPH ROAD 47 53 55
CHARLOTTE 28207
TULANE U 704 377-3439

KIRSCH, MARK R AC
3041 VALENCIA TERRACE 69 76 84
CHARLOTTE 28211
U-WITWATERSRAND 704 371-4189

KLEIN, DEYSY MARTINEZ AN AC
1901 RANDOLPH RD. 62 62 69
CHARLOTTE 28207
U OF MADRID 704 375-5126

KLIMAS, JOHN THOMAS A /PD AC
P. O. BOX 221189 73 73 80
CHARLOTTE 28222
ST U OF NY-BUFF 704 372-7900

KOCAK, THEODORE JOSEPH FP AC
P. O. BOX 11438 61 62 62
CHARLOTTE 28220
TEMPLE U 704 553-9474

KOCONIS, CHRIST ALEXATOS OTO /HNS AC
1350 KINGS DRIVE 62 62 70
CHARLOTTE 28207
OHIO STATE U 704 372-8750

KOSSOVE, ALBERT ANTHONY IM /NTR L
1530 ELIZABETH AVENUE 38 40 41
CHARLOTTE 28204
MED COLL OF VA 704 377-5984

KOSSOVE, IRENE LEVY IM /GYN L
1530 ELIZABETH AVENUE 39 40 41
CHARLOTTE 28204
MED COLL OF VA 704 377-5984

KOURI, EDWARD WILLIAMS R AC
3535 RANDOLPH RD., STE. 102 68 68 74
CHARLOTTE 28211
U OF NC 704 365-0343

KOURI, MOSES LAWRENCE, JR. FP AC
6900 FARMINGDALE DR. 62 62 66
CHARLOTTE 28212
U OF NC 704 536-1362

KOURI, WILLIAM HERBERT FP AC
6900 FARMINGDALE DR. 61 61 64
CHARLOTTE 28212
U OF NC 704 536-1362

KRAMER, NORMAN JOHN IM /END AC
3535 RANDOLPH ROAD, STE. 300 65 73 75
CHARLOTTE 28211
JEFFERSON 704 365-0760

KREMERS, SCOTT ALEX PUD /CD AC
1928 RANDOLPH ROAD, STE. 206 74 75 83
CHARLOTTE 28207
INDIANA U 704 375-9932

KRESHON, MARTIN JOHN OPH AC
1600 E. THIRD STREET 54 57 61
CHARLOTTE 28204
M C OF WISCONSIN 704 372-3300

LACKEY, ROBERT STEVENSON R /FP AC
2118 PINEWOOD CIRCLE 48 48 52
CHARLOTTE 28211
JEFFERSON 704 365-0343

LADD, ROBERT JULIUS GS /EM AC
3323 WINDBLUFF DR. 64 64 71
MATTHEWS 28105
HOWARD U 704 542-8271

LAIRD, WILLIAM KENNETH PS AC
1900 RANDOLPH RD. STE. 300 68 69 75
CHARLOTTE 28207
U OF TORONTO 704 332-4161

MECKLENBURG COMPONENT SOCIETY (Continued)

LAND, MICHAEL ROY OBG AC
150 PROVIDENCE ROAD 80 80 80
CHARLOTTE 28207
INDIANA U 704 377-0461

LANDIS, EDWARD EVERETT, JR. PUD /IM AC
1350 KINGS DRIVE 62 62 70
CHARLOTTE 28207
U OF LOUISVILLE 704 372-8750

LANE, JERALD PAUL P AC
1900 RANDOLPH RD., STE. 918 63 63 75
CHARLOTTE 28207
U OF MISSOURI 704 333-7722

LARGE, HIRAM LEE, JR. PTH L/RT
7443 WINDYRUSH ROAD 42 42 50
MATTHEWS 28105
VANDERBILT U 704 542-9830

LASSITER, KENNETH ROBERT LEE NS AC
1900 RANDOLPH RD., SUITE 502 61 61 77
CHARLOTTE 28207
DUKE 704 372-8860

LAWRENCE, PATRICIA ANN OBG AC
1012 S. KINGS DR. STE. 624 50 54 54
CHARLOTTE 28283
U OF VIRGINIA 704 372-6201

LAYTON, DENNIS SHELDON IM AC
7110 LAWYERS ROAD 76 77 80
CHARLOTTE 28212
WEST VA U 704 568-6500

LEATH, THOMAS EDWARD FP AC
112 HERMITAGE ROAD 55 56 56
CHARLOTTE 28207
MED U OF SC 704 332-8635

LEBLANG, MICHAEL NEAL FP AC
4101 CENTRAL AVENUE 73 73 76
CHARLOTTE 28205
BOWMAN GRAY 704 537-0020

LEE, YEN CHICH AN AC
5419 MIRABELL RD. 68 73 76
CHARLOTTE 28226
CHINA MED COLL 704 371-4049

LEFKOWITZ, DAVID, III PDA /PD AC
P. O. BOX 221189 65 65 78
CHARLOTTE 28222
TULANE U 704 372-7900

LESSER, PHILIP STEVEN CHN /N AC
1900 BRUNSWICK AVENUE 67 67 77
CHARLOTTE 28207
MED U OF SC 704 377-9323

LEWIS, ANDREW JACKSON, JR. OBG AC
1900 RANDOLPH RD., STE. 602 57 58 62
CHARLOTTE 28207
U OF ALABAMA 704 377-5675

LEWIS, DANIEL MICHAEL D AC
3535 RANDOLPH RD. STE. 101-W 80 81 85
CHARLOTTE 28211
U OF NC 704 364-6110

LINDERMAN, JAMES ALAN PD AC
167-L S. TRADE ST. 76 76 82
PO BOX 2564
MATTHEWS 28106
INDIANA U 704 847-0572

LINDOW, LARRY GENE IM /GP AC
1949 CLEMATIS DRIVE 68 69 78
CHARLOTTE 28211
U OF ILLINOIS 704 365-3900

LINK, MELVIN ROBERT OTO L/RT
3323 STANWYCK COURT 42 50 50
CHARLOTTE 28211
U OF LOUISVILLE 704 364-2111

LITTLE, DONALD FORREST OBG AC
1350 KINGS DRIVE 59 65 65
CHARLOTTE 28207
U OF ALABAMA 704 372-8750

LOGAN, WILLIAM SUMNER D AC
1350 S. KINGS DRIVE 68 68 74
CHARLOTTE 28207
DUKE 704 372-8750

LONG, WILLIAM JOSEPH FP AC
2807 HINSDALE STREET 80 82 84
CHARLOTTE 28210
MED COLL OF GA 704 596-0822

LOPER, PETER LOUIS PUD /OM AC
3409 BROADFIELD ROAD 76 77 86
CHARLOTTE 28226
CASE WESTERN RES 704 373-4329

LOVEJOY, STEVEN ARNET ORS AC
1012 S. KINGS DR. 80 81 85
CHARLOTTE 28283
WEST VA U 704 372-0743

LOVELL, WILLIAM FIGGATT A AC
CHARLOTTE ALLERGY CLINIC 45 45 52
P. O. BOX 221189
CHARLOTTE 28222
DUKE 704 372-7900

LUCAS, ROBERT THEODORE, JR. PD AC
1350 KINGS DRIVE 54 59 60
CHARLOTTE 28207
TULANE U 704 372-8750

LYDAY, WILLIAM DAVIE TS /GS AC
225 HAWTHORNE LN., STE. 301 53 54 61
CHARLOTTE 28204
DUKE 704 377-5978

LYMAN, DAVID JOHN FP AC
910 N. ALEXANDER ST. 72 73 86
CHARLOTTE 28206
U OF MICHIGAN 704 338-3084

LYMBERIS, MARVIN NICHOLAS OPH L/RT
2514 RED FOX TRAIL 41 47 48
CHARLOTTE 28211
TULANE U 704 366-6227

MACAULAY, HUGH HOLLEMAN,III EM /FP AC
P. O. BOX 32863 74 75 84
CHARLOTTE 28232
MED U OF SC 704 371-4160

MACDONALD, WILLIAM WEBSTER OBG AC
1023 EDGEHILL DRIVE 68 68 78
CHARLOTTE 28207
SYRACUSE 704 373-1541

MALLONEE, MICHAEL STEVEN OTO /HNS AC
101 W.T. HARRIS BLVD.EAST 73 74 81
SUITE C-206
CHARLOTTE 28213
U OF MIAMI 704 547-1609

MANGE, STEPHEN KENNEDY PD AC
PO BOX 1705 80 83 86
DAVIDSON 28036
U OF SOU ALA 704 892-7905

MARROUM, MARIE-CLAIRE PTH AC
PO BOX 32861 68 76 78
CHARLOTTE MEM. HOSP.
CHARLOTTE 28232
U OF ST JOSEPH 704 338-2251

MARSHALL, CHARLES FOSTER, JR. OPH AC
1012 S. KINGS DRIVE 69 69 79
CHARLOTTE 28283
MED U OF SC 704 376-6511

MARTIMBEAU, PIERRE WALTER ON /GYN AC
1900 RANDOLPH RD., STE. 510 66 71 81
CHARLOTTE 28207
U OF MONTREAL 704 334-8644

MARTIN, EDWARD STEPHENS PD AC
2711 RANDOLPH ROAD, #501 69 69 72
CHARLOTTE 28207
U OF PENN 704 374-1736

MASSEY, CHARLES CASWELL, JR. CRS AC
2028 RANDOLPH ROAD 61 61 67
CHARLOTTE 28207
DUKE 704 333-1259

MASSEY, THOMAS NEELY, JR. CD AC
217 TRAVIS AVENUE 55 55 61
CHARLOTTE 28204
BOWMAN GRAY 704 372-3350

MATTHEWS, DAVID CARY PS AC
2215 RANDOLPH ROAD 74 75 83
CHARLOTTE 28207
U OF CINCINNATI 704 372-6846

MATTHEWS, WILLIAM CAMP IM /OM L/RT
RT. 4, BOX 470, THE FARM 37 39 39
CHESTER, SC 29706
U OF VIRGINIA 803 385-6975

MAUERHAN, DAVID ROBERT ORS AC
1822 BRUNSWICK AVENUE 78 79 84
CHARLOTTE 28207
U OF CINCINNATI 704 373-0544

MAY, HARVEY CRAIG GYN AC
2711 RANDOLPH ROAD, #305 42 50 50
CHARLOTTE 28207
TULANE U 704 372-8020

MAYER, WALTER BREM IM L/RT
2420--407 ROSWELL AVENUE 30 32 33
CHARLOTTE 28209
U OF PENN 704 333-4322

MCADAMS, CHARLES R., JR. GS /GYN AC
225 HAWTHORNE LN. STE. 401 45 45 48
CHARLOTTE 28204
JEFFERSON 704 372-7741

MCALISTER, JAMES ALLEN, JR PTH /CLP AC
2527 WINDING OAK DR. 69 69 76
MATTHEWS 28105
BOWMAN GRAY 704 375-1758

MCALLISTER, DAVID WHITNEY OBG AC
2711 RANDOLPH RD., SUITE 512 70 70 76
CHARLOTTE 28207
BOWMAN GRAY 704 333-4104

MCBRIDE, ROBERT BENNIS, JR. ORS AC
101 WT HARRIS BLVD.,STE. 220-A 80 81 85
CHARLOTTE 28213
WEST VA U 704 547-1552

MCBRYDE, ANGUS MURDOCH, JR. ORS AC
1012 KINGS DR., STE. 101 63 63 71
CHARLOTTE 28283
DUKE 704 372-0743

MCCALL, MARVIN MATHER, III CD /IM AC
P. O. BOX 32861 56 56 62
CHARLOTTE 28232
U OF NC 704 338-3165

MCCARTY, RALPH LEEVES CRS L/RT
2028 RANDOLPH ROAD 42 46 47
CHARLOTTE 28207
TULANE U 704 333-1259

MCCOY, JOSEPH BENNETT, JR. GYN AC
150 PROVIDENCE ROAD 50 50 54
CHARLOTTE 28207
U OF PENN 704 377-0461

MCELWEE, ROSS SIMONTON, JR. GS AC
3535 RANDOLPH RD. STE. 201-W 44 52 52
CHARLOTTE 28211
CORNELL U 704 364-8100

MCGEE, JOHN ASBURY, JR. OBG AC
3535 RANDOLPH ROAD, #105 58 58 66
CHARLOTTE 28211
U OF NC 704 365-0470

MCGINNIS, BARRY DOUGLAS R AC
3535 RANDOLPH RD., STE. 102 79 82 86
CHARLOTTE 28211
U OF MICHIGAN 704 331-2274

MCKAY, CLINTON HULL IM L/RT
2711 RANDOLPH ROAD, #100 39 47 47
CHARLOTTE 28207
U OF TENNESSEE 704 373-0700

MCKAY, HAMILTON W., JR. A /IG AC
CHARLOTTE ALLERGY CLINIC 55 56 61
P. O. BOX 221189
CHARLOTTE 28222
JOHNS HOPKINS 704 372-7900

MCLANAHAN, CHARLES SCOTT NS AC
1010 EDGEHILL ROAD, N. 73 74 80
CHARLOTTE 28207
COLUMBIA U 704 376-1605

MCLEAN, JONATHAN OWENS CD /IM AC
2330 RANDOLPH AT LAUREL AVE 71 71 81
CHARLOTTE 28207
U OF NC 704 377-0575

MCLEAN, MALCOLM PD AC
1851 E. THIRD STREET, STE. 103 56 56 62
CHARLOTTE 28204
U OF NC 704 333-6659

MCLEOD, JONNIE HORN PD AC
DEPT. OF HUMAN SERVICES 49 52 72
UNC CHARLOTTE STATION
CHARLOTTE 28223
TULANE U 704 597-2171

MCLEOD, WILLIAM LESLIE GYN AC
2711 RANDOLPH ROAD, STE. 305 45 52 52
CHARLOTTE 28207
LA STATE U 704 372-8020

MCNAMARA, JOHN FRANCIS, II OBG AC
2711 RANDOLPH ROAD, STE 512 76 77 80
CHARLOTTE 28207
OHIO STATE U 704 333-4104

MECKLENBURG COMPONENT SOCIETY (Continued)

MELARAGNO, HELEN P. FP AC
2001 E. FIFTH STREET 74 75 77
CHARLOTTE 28204
MED U OF SC 704 373-1663

MELTON, KATHERINE ROSE GS /NTR RT
1900 RANDOLPH RD. #718 54 55 60
CHARLOTTE 28207
MED COLL OF PENN 704 332-6756

MENSCER, DARLYNE FP AC
DEPT. OF FAMILY PRACTICE 79 79 75
CHARLOTTE MEM. HOSP, BOX 32861
CHARLOTTE 28232
U OF NC 704 338-3172

MERTESDORF, JAMES MICHAEL GE AC
1350 S. KINGS DR. 78 78 85
CHARLOTTE 28207
LOYOLA U 704 372-8750

METZEROTT, KIRK OLIVER AN AC
ROUTE #3 52 53 74
WAXHAW 28173
GEO WASHINGTON U 704 843-3109

MILLER, EDITH HAMILTON IM /END AC
1350 S. KINGS DRIVE 75 76 82
CHARLOTTE 28207
MED U OF SC

MILLER, ROBERT EVANS ORS AC
1822 BRUNSWICK AVENUE 48 48 55
CHARLOTTE 28207
U OF PENN 704 373-0544

MILTICH, MICHAEL FIEGEL OTO /HNS AC
1600 E. THIRD STREET 78 79 84
CHARLOTTE 28204
WAYNE STATE U 704 372-3300

MILTON, CECIL JEROME ORS AC
225 HAWTHORNE LANE 56 56 63
CHARLOTTE 28204
BOWMAN GRAY 704 334-0809

MITCHENER, CALVIN CHAMBERS D AC
1600 E. FIFTH STREET 49 54 54
CHARLOTTE 28204
JEFFERSON 704 376-1523

MOCK, CHARLES GLENN PTH L/RT
BOX 917-0, ROUTE #1 35 35 38
MOREHEAD CITY 28557
U OF PENN 919 354-3153

MOKRIS, JEFFREY GEORGE ORS AC
3235 CHAUCER DR. 79 79 80
CHARLOTTE 28210
U OF CINCINNATI 704 373-0544

MONSON, ROBERT CHARLES, II GS AC
3535 RANDOLPH RD., STE. 201-W 73 74 78
CHARLOTTE 28211
U OF MICHIGAN 704 364-8100

MONTGOMERY, JOHN CHRISTIAN AN L/RT
2022 NORTON ROAD 32 32 36
CHARLOTTE 28207
U OF PENN 704 334-4950

MOORE, ARL VAN, JR. DR AC
5201 MORROWICK RD. 74 74 85
CHARLOTTE 28226
U OF ARKANSAS 704 365-0343

MOORE, DAVID HUDDLER PD /ID AC
7110 LAWYERS ROAD 76 76 81
CHARLOTTE 28212
INDIANA U 704 568-6500

MOORE, JOHN HERBERT, III GE /IM AC
2115 EAST 7TH ST.,STE. 104 77 80 83
CHARLOTTE 28204
EMORY U 704 377-4009

MOOREFIELD, WM. GUERRANT, JR. ORS AC
120 PROVIDENCE ROAD 69 69 77
CHARLOTTE 28207
DUKE 704 377-0351

MORRIS, DAVID PERRY AM AC
6958 FOLGER DR. 48 49 81
CHARLOTTE 28226
U OF PENN 704 554-8373

MORTON, DUNCAN, JR. PDS /GS AC
2104 RANDOLPH ROAD 66 66 76
CHARLOTTE 28207
U OF NC 704 377-3900

MULLIS, WILLIAM FRANK PS /GS AC
2215 RANDOLPH ROAD 68 69 76
CHARLOTTE 28207
U OF PENN 704 372-6846

MUNDORF, GEORGE P AC
6001 HEMBY ROAD 46 47 53
MATTHEWS 28105
BOWMAN GRAY 704 846-1276

NADERI, MOHAMAD SIRUS AN AC
801 S. EDGEHILL ROAD 51 76 79
CHARLOTTE 28207
U OF TEHRAN 704 375-4001

NASH, HOKE SMITH, JR. OTO AC
1600 E. THIRD STREET 54 61 61
CHARLOTTE 28204
VANDERBILT U 704 372-3300

NASO, STEPHEN J., JR. HS /GS AC
2039 RANDOLPH ROAD 60 65 67
CHARLOTTE 28207
U OF TORINO 704 375-3397

NAUMOFF, PHILIP FP L
1012 KINGS DRIVE 37 39 39
CHARLOTTE 28283
DUKE 704 334-4665

NEAL, R. DOUGLAS GS /GYN L/RT
2214 THETFORD CT. 42 42 48
CHARLOTTE 28211
MED COLL OF VA 704 332-7701

NEALE, WIRT THOMAS PD AC
149 PROVIDENCE ROAD 69 70 75
CHARLOTTE 28207
U OF TENNESSEE 704 377-5571

NESBIT, FREDERICK P AC
1900 RANDOLPH ROAD, STE. 900 53 57 77
CHARLOTTE 28207
U OF GENEVA 704 333-7722

NESBIT, WILLIAM MICHAEL N AC
DOCTORS BLDG. SUITE 223 62 62 70
1012 S. KINGS DR.
CHARLOTTE 28283
U OF VIRGINIA 704 333-2853

NEWELL, ERNEST T. OM /FP AC
DUKE POWER CO.,MCGUIRE STA. 50 53 54
CORNELIUS 28031
DUKE 704 588-1265

NEWMAN, EDWIN R AC
3734 COLUMBINE CIRCLE 61 67 68
CHARLOTTE 28211
U OF IOWA 704 364-0568

NEWTON, GRAHAM DOUGALD D AC
1600 E. FIFTH STREET 54 54 61
CHARLOTTE 28204
CORNELL U 704 376-1523

NICHOLSON, HENRY HALE, JR. GS /CRS AC
1012 KINGS DRIVE, SUITE 708 47 49 56
CHARLOTTE 28283
DUKE 704 375-8956

NIESS, GARY STEWART CD AC
1350 S. KINGS DR. 73 73 85
CHARLOTTE 28207
U OF NC 704 372-8750

NORRIS, CHARLES BRADLEY IM AC
1310 SCOTT AVENUE 41 41 47
CHARLOTTE 28204
GEORGETOWN U 704 334-0450

NOWLIN, GEORGE PRESTON U L/RT
1868 MARYLAND AVENUE 24 29 30
CHARLOTTE 28209
U OF VIRGINIA 704 334-0302

O'BAR, PAUL RUPERT IM /ID AC
1350 S. KINGS DRIVE 57 57 71
CHARLOTTE 28207
U OF OKLAHOMA 704 372-8750

O'BRIEN, PAUL STEVENS R AC
2622 BUCKNELL AVE. 51 55 59
CHARLOTTE 28207
OHIO STATE U 704 333-0224

O'NEILL, MICHAEL RAYMOND U AC
1900 RANDOLPH RD., STE. 816 76 78 82
CHARLOTTE 28207
BOWMAN GRAY 704 334-3033

O'ROARK, HENRY CLYDE OBG AC
2711 RANDOLPH RD. STE. 309 57 57 82
CHARLOTTE 28207
OHIO STATE U 704 377-3396

OLIVER, ANDREW BLAINE, JR. OBG AC
2711 RANDOLPH RD. 81 84 84
CHARLOTTE 28207
MED COLL OF GA 704 372-8020

OLIVER, KENNETH LEON OBG AC
1900 RANDOLPH ROAD 65 66 73
CHARLOTTE 28207
BOWMAN GRAY 704 377-5675

OLSON, DAVID GEORGE IM AC
845 CAMBORNE PLACE 74 74 82
CHARLOTTE 28210
TULANE U 704 542-1952

ORR, SAMUEL LAWRENCE PTH AC
CHARLOTTE MEMORIAL HOSPITAL 68 68 73
P. O. BOX 32861
CHARLOTTE 28232
MED U OF SC 704 338-2251

OWENSBY, CLYDE NORMAN P AC
1339 WENDOVER ROAD 58 63 64
CHARLOTTE 28211
TULANE U 704 364-5026

PADEN, PAUL ALEXANDER TR RT
3125 BROOKRIDGE LANE 32 32 63
CHARLOTTE 28211
U OF TENNESSEE 704 366-7883

PAGE, GEORGE DANTZLER GS L/RT
2128 QUEENS ROAD EAST 42 49 50
CHARLOTTE 28207
EMORY U 704 377-9788

PARKE, JAMES CLIFTON, JR. PD /NPM AC
P. O. BOX 32861 54 54 63
CHARLOTTE 28232
U OF NC 704 338-3156

PARKERSON, WALTER TUCK OPH AC
225 HAWTHORNE LANE 60 60 68
CHARLOTTE 28204
DUKE 704 377-3689

PARSONS, ROBERT GREGORY DR AC
8521 PROVIDENCE ROAD 69 71 76
MATTHEWS 28105
U OF FLORIDA 704 365-0343

PASQUINI, JOHN ALDO IM /CD AC
125 BALDWIN AVE. 80 82 86
CHARLOTTE 28204
U OF CONNECTICUT 704 338-6300

PAYNE, ROBERT BENJAMIN IM /CD AC
3535 RANDOLPH ROAD 60 60 64
CHARLOTTE 28211
U OF NC 704 365-0760

PENDER, JOHN ROBERT, III GS AC
1851 E. THIRD STREET, STE. 105 47 47 55
CHARLOTTE 28204
JEFFERSON 704 332-4169

PERRIN, THOMAS SAMUEL, JR. IM AC
3535 RANDOLPH ROAD 43 52 53
CHARLOTTE 28211
JOHNS HOPKINS 704 365-0760

PERRY, GLENN BRADFORD ORS /TRS AC
1822 BRUNSWICK AVE. 78 79 84
CHARLOTTE 28207
TEMPLE U 704 373-0544

PETTY, JERRY MILLER NS AC
1010 EDGEHILL ROAD, N. 60 60 69
CHARLOTTE 28207
U OF NC 704 376-1606

PHILLIPS, DEWITT DEWEY, JR. GP AC
1012 S. KINGS DR. STE. 822 46 47 48
CHARLOTTE 28283
BOWMAN GRAY 704 375-6350

PITTS, WILLIAM REID NS /GS L/RT
429 EASTOVER ROAD 33 33 40
CHARLOTTE 28207
HARVARD 704 333-0407

PIXLEY, ROLAND THEO OBG AC
1023 EDGEHILL ROAD, SOUTH 46 52 53
CHARLOTTE 28207
ST U OF NY-BUFF 704 373-1541

PLUNKETT, STEVEN ROCKWELL ON AC
2221 COLONY ROAD 78 78 84
CHARLOTTE 28209
MED COLL OF GA 704 371-4189

PORTER, CHARLES ALEXANDER OBG AC
1712 E. FOURTH STREET 66 66 73
CHARLOTTE 28204
JEFFERSON 704 375-9074

POTTER, PATRICIA LYNN AN AC
2825 RANDOLPH RD. 76 76 84
CHARLOTTE 28211
BOWMAN GRAY 704 377-1647

MECKLENBURG COMPONENT SOCIETY (Continued)

POWE, CHARLES EDWIN, JR. OBG AC
3535 RANDOLPH ROAD, STE. 105 58 63 64
CHARLOTTE 28211
MED U OF SC 704 365-0470

POWELL, JAMES MEYERS, JR. P /CHP AC
2315 RANDOLPH ROAD 68 68 78
CHARLOTTE 28207
U OF NC 704 377-4243

POWERS, DOUGLAS FULLER CHP /P AC
5517 EAGLE LAKE DR., SOUTH 47 47 76
CHARLOTTE 28210
BAYLOR 704 588-2289

PRESSLY, CLAUDE LOWRY GS /TS L/RT
2300 RANDOLPH ROAD 43 43 50
CHARLOTTE 28207
U OF PENN 704 376-0327

PRESSLY, JAMES ALLEN ORS AC
2300-B RANDOLPH ROAD 66 66 74
CHARLOTTE 28207
U OF NC 704 375-5955

PRESSLY, JAMES PATTERSON OPH AC
3535 RANDOLPH ROAD 68 68 77
CHARLOTTE 28211
MED U OF SC 704 364-8576

PRICE, GRADY EDWIN ORS AC
2001 RANDOLPH ROAD 60 60 69
CHARLOTTE 28207
DUKE 704 377-4907

PRIDE, HAROLD SYLVESTER FP /PD AC
951 S. INDEPENDENCE #200 59 60 66
CHARLOTTE 28202
MEHARRY MED COLL 704 377-3015

PRITCHARD, WILLIAM LEE NS AC
2711--204 RANDOLPH ROAD 56 62 63
CHARLOTTE 28207
JOHNS HOPKINS 704 333-2175

PUGH, JAMES EDWIN, JR. N AC
126 COTTAGE PLACE 67 69 84
CHARLOTTE 28207
U OF PENN 704 334-7311

PUTMAN, STEVEN FREDERICK N AC
1900 BRUNSWICK AVE. 78 80 85
CHARLOTTE 28207
NORTHWESTERN U

QUERY, RICHARD ZIMRI, JR. RHU /IM L
1903 QUEENS RD. WEST 34 37 38
CHARLOTTE 28207
DUKE 704 333-8055

RANKIN, RUFUS PINKNEY, JR. OBG AC
1851 E. THIRD STREET 52 52 56
CHARLOTTE 28204
U OF PENN 704 332-8103

RANN, EMERY LOUVELLE FP L/RT
1001 BEATTIES FORD ROAD 48 49 66
CHARLOTTE 28216
MEHARRY MED COLL 704 333-0721

RANSON, JOHN LESTER, JR. IM AC
335 N. CASWELL ROAD 42 42 43
CHARLOTTE 28204
JEFFERSON 704 376-4852

RANSON, WILLIAM ALEXANDER IM AC
1012 S. KINGS DR. 48 48 53
CHARLOTTE 28283
JEFFERSON 704 374-0773

RAO, INNANJE RAVINDRANATH CD /IM AC
2330 RANDOLPH AT LAUREL AVE 65 66 76
CHARLOTTE 28207
STANLEY MED COLL 704 377-0575

RAPP, IRA HAMMES ORS RT
1500 PROVIDENCE RD. 43 48 48
CHARLOTTE 28207
U OF PENN 704 821-8528

RATHBUN, MARY ANNE NPM /PD AC
CHARLOTTE MEM. HOSPITAL 70 73 78
P. O. BOX 32861
CHARLOTTE 28232
ALBANY MED COLL 704 338-3156

RAYMER, JAMES BARKER GS AC
1928 RANDOLPH ROAD 53 53 61
CHARLOTTE 28207
CASE WESTERN RES 704 333-6524

REAMES, PATRICK MARTIN R AC
4201 TOTTENHAM ROAD 58 66 66
CHARLOTTE 28211
U OF TEXAS-SW 704 371-4056

REBACK, AVELINA ROQUE P AC
439 COURTNEY LANE 50 74 79
MATTHEWS 28105
U OF SANTO TOMAS 704 366-5126

REINDOLLER, ROBERT WILLIAM GE /IM AC
1900 RANDOLPH RD. STE. 910 75 76 81
CHARLOTTE 28207
U OF MARYLAND 704 372-7974

RENALDO, DONALD PHILIP OPH AC
1900 RANDOLPH ROAD 74 75 80
CHARLOTTE 28207
TEMPLE U 704 376-5424

RHODES, MARSHA JERNIGAN PD AC
249 BILLINGSLEY ROAD 81 83 86
CHARLOTTE 28211
U OF ALABAMA 704 375-1885

RICE, WILLIAM CHARLES U AC
1012 S. KINGS DR., STE. 806 69 69 74
CHARLOTTE 28283
U OF FLORIDA 704 334-6449

RILEY, JAMES CHARLES IM /GE AC
125 BALDWIN AVE. 67 68 74
CHARLOTTE 28204
TEMPLE U 704 374-1696

RIMER, BOBBY ALAN OBG AC
CHARLOTTE MEM. HOSP. 57 57 73
PO BOX 32861
CHARLOTTE 28232
U OF NC 704 331-3149

RIOPEL, DONALD AIME PDC AC
1960 RANDOLPH ROAD 63 66 84
CHARLOTTE 28207
U OF FLORIDA 704 373-1503

RITCH, DOUGLAS LAMAR IM AC
335 N. CASWELL ROAD 63 63 67
CHARLOTTE 28204
U OF NC 704 376-4852

ROBERSON, GEORGE DON OTO /A AC
3535 RANDOLPH ROAD 58 64 64
CHARLOTTE 28211
MED COLL OF VA 704 365-0711

ROBERTS, THOMAS ADAMS, JR. GE /IM AC
1350 S. KINGS DR. 70 70 79
CHARLOTTE 28207
U OF NC 704 372-8750

ROBERTS, WILLIAM STANLEY CD /IM AC
4216 BELKNAP RD. 75 76 81
CHARLOTTE 28211
U OF VIRGINIA 704 365-1633

ROBICSEK, FRANCIS TS /CDS AC
1960 RANDOLPH ROAD 50 58 59
CHARLOTTE 28207
U OF BUDAPEST 704 373-1500

ROBINSON, CHARLES WILSON GP L
816 CHEROKEE RD. 30 30 32
CHARLOTTE 28207
U OF PENN 704 333-6086

RODDEY, OLIVER FENNELL, JR. PD AC
2711--501 RANDOLPH ROAD 55 55 70
CHARLOTTE 28207
U OF NC 704 374-1736

ROEMER, CLIFFORD ERIC DR AC
4116 POMFRET LANE 76 76 81
CHARLOTTE 28211
CASE WESTERN RES 704 371-4056

ROGERS, LARRY ARCH NS AC
1010 EDGEHILL ROAD, NORTH 65 65 74
CHARLOTTE 28207
DUKE 704 376-1605

ROPER, JOHN TRACY ORS AC
2001 RANDOLPH ROAD 55 55 65
CHARLOTTE 28207
MED U OF SC 704 377-4907

ROSS, OTHO B., JR. IM L/RT
3022 FERNCLIFF ROAD 43 43 50
CHARLOTTE 28211
DUKE 704 366-7820

RUNGE, JEFFREY WILLIAM EM AC
3900 AYSCOUGH RD. 81 82 85
CHARLOTTE 28211
MED U OF SC 704 331-3181

RUPPENTHAL, CARL ROBERT IM /HEM AC
1350 S. KINGS DRIVE 60 68 68
CHARLOTTE 28207
U OF PENN 704 372-8750

RUSS, DONALD BARNARD P AC
2315 RANDOLPH RD. 76 76 79
CHARLOTTE 28207
U OF NC 704 377-4243

RUSS, DONALD JAMES IM AC
3535 RANDOLPH ROAD 73 73 77
CHARLOTTE 28211
U OF MARYLAND 704 365-0760

RUTLEDGE, MARY LOUISE PD L/RT
2157 NORTON ROAD 48 49 51
CHARLOTTE 28207
TEMPLE U 704 334-9218

SALLEY, BRUNSON MARTIN FP AC
4101 CENTRAL AVENUE 64 65 67
CHARLOTTE 28205
MED COLL OF GA 704 537-0020

SALMON, ROBERT BRUCE R AC
210 POST OAK ROAD 61 67 68
CHARLOTTE 28226
WASHINGTON U 704 338-2270

SALTON, RUSSELL ARTHUR,III FP AC
1618 E. MOREHEAD ST. 73 75 76
CHARLOTTE 28207
WEST VA U 704 523-1157

SAMUELS, WALTER RAY OBG AC
150 PROVIDENCE ROAD 61 61 68
CHARLOTTE 28207
U OF NC 704 377-0461

SAXE, JESSICA SCHORR FP AC
2216 DILWORTH ROAD, WEST 77 78 81
CHARLOTTE 28203
TUFTS U 704 338-3084

SCHAFERMEYER, ROBERT W. EM /PD AC
CHARLOTTE MEM. HOSPITAL 73 74 82
P. O. BOX 32861
CHARLOTTE 28232
U OF MISSOURI 704 338-3181

SCHOLL, GEORGE KENNETH, JR. U AC
1012 KINGS DR., STE. 806 67 67 74
CHARLOTTE 28283
U OF TENNESSEE 704 334-6449

SCHUG, JOHN BUTLER OBG AC
3535 RANDOLPH ROAD, #105 57 61 65
CHARLOTTE 28211
MED COLL OF VA 704 364-1041

SCHUMACHER, DONALD IM AC
335 N. CASWELL ROAD 70 70 75
CHARLOTTE 28204
U OF BOLOGNA 704 376-4852

SCHUPBACH, CURTIS WAYNE D AC
1350 S. KINGS DRIVE 69 70 76
CHARLOTTE 28207
WASHINGTON U 704 372-8750

SCHWARTZ, JARED NAPHTALI PTH AC
P. O. BOX 33549 73 74 78
CHARLOTTE 28233
DUKE 704 371-4814

SCHWARTZ, ROBERT PAUL PD /PDE AC
CHARLOTTE MEMORIAL HOSP. 68 68 74
P. O. BOX 32861
CHARLOTTE 28232
U OF FLORIDA 704 338-3156

SCHWILM, ARLEN LEE D AC
3535 RANDOLPH ROAD, #101 67 67 74
CHARLOTTE 28211
MED COLL OF VA 704 364-6110

SCOTT, DEBORAH ANNETTE PD AC
1012 KINGS DR. STE. 1024 78 80 81
CHARLOTTE 28283
U OF NC 704 376-0884

SCOTT, JACKSON VANCE FP AC
101 W. CATAWBA AVE. 59 62 66
MT. HOLLY 28120
JEFFERSON 704 827-3014

SEAY, HILLIS LEDBETTER GP L
P. O. BOX 528 30 30 34
HUNTERSVILLE 28078
VANDERBILT U 704 875-6946

MECKLENBURG COMPONENT SOCIETY (Continued)

SELLE, JAY GREGORY TS /CDS AC
1960 RANDOLPH ROAD 68 69 76
CHARLOTTE 28207
WAYNE STATE U 704 373-1500

SENTER, RICHARD GORDON RHU /IM AC
1350 KINGS DRIVE 66 66 72
CHARLOTTE 28207
JOHNS HOPKINS 704 372-8750

SHAIA, WILLIAM HARRY FP AC
2125 BERRYHILL ROAD 45 47 48
CHARLOTTE 28208
MED COLL OF VA 704 375-3217

SHANLEY, VERA CROOKE AN AC
10312 FRANCIS MARION CT. 80 81 84
MATTHEWS 28105
BOWMAN GRAY 704 487-3812

SHAVER, EDWARD FRANKLIN, JR. OT AC
1851 E. THIRD STREET 59 64 64
CHARLOTTE 28204
TULANE U 704 376-8436

SHEARER, JAMES NEIL PS /GS AC
2711 RANDOLPH RD. STE. 507 75 75 85
CHARLOTTE 28207
NEW YORK MED COL 704 372-8800

SHIRLEY, ROBERT E.L., JR. OBG AC
1955 RANDOLPH ROAD 69 75 78
CHARLOTTE 28207
MED COLL OF GA

SHIVE, ROBERT MACGREGOR P AC
1937 SELWYN AVENUE 61 61 67
CHARLOTTE 28207
U OF NC 704 375-7717

SHOAF, EDWIN HUSS, JR. IM AC
491 N. WENDOVER RD. 75 75 79
CHARLOTTE 28211
BOWMAN GRAY 704 366-7291

SHORT, EARL DEGREY, JR. P AC
3224 CHAUCER DRIVE 59 59 81
CHARLOTTE 28210
MED U OF SC 704 375-3575

SHULL, WILLIAM HENRY IM
1900 RANDOLPH ROAD 44 44 46
CHARLOTTE 28207
JEFFERSON 704 376-4836

SHULTZ, KIRKWOOD TANNER IM /END AC
125 BALDWIN AVE. 66 66 71
CHARLOTTE 28204
DUKE 704 374-1696

SIGMON, JAMES LEWIS, JR. FP AC
P. O. BOX 32861 66 66 71
CHARLOTTE 28232
U OF NC 704 338-3172

SIGMON, RICHARD LEE, JR. GE AC
1900 RANDOLPH RD.,, STE. 910 79 80 76
CHARLOTTE 28207
U OF NC 704 372-7974

SIPPE, JOSEPH LAWRENCE OPH AC
1350 S. KINGS DRIVE 68 68 73
CHARLOTTE 28207
MED COLL OF VA 704 372-8750

SLOAN, HENRY LEE, JR. OPH AC
1600 E. THIRD STREET 47 47 54
CHARLOTTE 28204
U OF PENN 704 372-3300

SLOTKIN, ROBERT IRVING PD AC
2317 RANDOLPH ROAD 61 64 73
CHARLOTTE 28207
U OF VIRGINIA 704 376-5572

SMITH, HENRY LOUIS, II PD AC
1700 ABBEY PLACE 66 66 72
CHARLOTTE 28209
U OF PENN 704 523-7232

SMITH, ROGER ENOS CD /IM AC
125 BALDWIN AVE. 64 65 73
CHARLOTTE 28204
U OF ILLINOIS 704 374-1696

SMOLEN, PAUL MATHIEU PD AC
426 ELLSWORTH ROAD 78 79 83
CHARLOTTE 28211
RUTGERS MED SCH 704 333-6659

SNITZ, ARNOLD IRA PD AC
2711 RANDOLPH ROAD 75 75 79
CHARLOTTE 28207
U OF VIRGINIA 704 332-7141

SNYDER, JOHN MICHAEL AN AC
R.F.D. #3, BOX 120F 68 70 76
WAXHAW 28173
U OF ALBERTA 704 371-4049

SODEN, KEVIN JOSEPH OM /EM AC
7019 WHITEMARSH COURT 74 75 84
CHARLOTTE 28210
U OF FLORIDA 704 554-2656

SOMERSTEIN, DAVID EUGENE U AC
3535 RANDOLPH ROAD 66 66 73
CHARLOTTE 28211
MED U OF SC 704 365-0371

SPANGENTHAL, SELWYN PUD AC
1350 S. KINGS DR. 74 74 84
CHARLOTTE 28207
U OF CAPE TOWN 704 372-8750

SPAUGH, EARLE PD /ADL AC
411 N. WENDOVER RD. 50 50 55
CHARLOTTE 28211
U OF PENN 704 375-9795

SPIVEY, JAMES RICHARD IM AC
1928 RANDOLPH RD. STE. 211 80 81 84
CHARLOTTE 28207
TULANE U 704 377-3439

STALLWORTH, WILLIAM KING OBG AC
2711 RANDOLPH ROAD, #305 59 63 63
CHARLOTTE 28207
TULANE U 704 372-8020

STEAGALL, ROBERT WORTH, JR. D RT
6434 SARDIS ROAD 55 55 65
CHARLOTTE 28226
DUKE 704 364-1050

STEIGER, HOWARD PAUL D L
1600 E. FIFTH STREET 39 47 47
CHARLOTTE 28204
DUKE 704 376-1523

STEPHENS, KATHRYN JOHNSON OBG AC
1012 KINGS DR., STE. 624 78 78 75
CHARLOTTE 28283
U OF NC 704 372-6201

STORY, WILLIAM ROBERT U AC
1012 KINGS DRIVE 58 58 68
CHARLOTTE 28283
U OF NC 704 334-6449

STOWE, G. CLEVELAND OPH AC
1600 E. THIRD ST. 76 77 84
CHARLOTTE 28204
BOWMAN GRAY 704 372-3300

STRATTON, JAMES DAVID OPH L/RT
5150 SHARON ROAD 37 46 47
CHARLOTTE 28210
RUSH MED COLL 704 554-7176

STUCKEY, CHARLES LEGRAND IM AC
1515 ELIZABETH AVENUE 40 46 47
CHARLOTTE 28204
U OF VIRGINIA 704 333-1116

STUCKEY, HENRY JEFFERSON IM /CD AC
2711 RANDOLPH RD., STE. 601 61 66 69
CHARLOTTE 28207
MED U OF SC 704 333-1191

SUGG, WILLIAM CASWELL, JR. IM /PUD AC
2711 RANDOLPH ROAD, #100 61 62 67
CHARLOTTE 28207
EMORY U 704 373-0700

SUNDBERG, THOMAS CLARKE RHU AC
1335 ROMANY ROAD 77 79 83
CHARLOTTE 28204
WUERZBURG U.GERM 704 375-1719

SUTTON, RICHARD LORING EM AC
5040 KIMBLEWYCK LANE 74 75 79
CHARLOTTE 28226
OHIO STATE U 704 365-3076

SVENSON, ROBERT HAROLD CD /IM AC
1960 RANDOLPH ROAD 69 70 75
CHARLOTTE 28207
U OF CHICAGO 704 373-1503

SWETENBURG, RAYMOND LEE, JR. PD AC
2711 RANDOLPH ROAD 76 78 79
CHARLOTTE 28207
DUKE 704 374-1736

TART, JAMES MILTON, JR. OBG AC
1955 RANDOLPH ROAD 53 57 58
CHARLOTTE 28207
TEMPLE U 704 376-3536

TAYLOR, ANDREW DUVAL A L/RT
2610 SELWYN AVENUE 34 34 37
CHARLOTTE 28209
U OF MARYLAND 704 334-2397

TAYLOR, FREDERICK HARVEY TS /CDS AC
1900 RANDOLPH ROAD, SUITE 206 45 45 54
CHARLOTTE 28207
DUKE 704 372-1306

TAYLOR, JOHN BRUCE OBG AC
449 N. WENDOVER RD. 78 80 83
CHARLOTTE 28211
MED COLL OF VA 704 376-0360

THALINGER, ALAN ROBERT ON /IM AC
3535 RANDOLPH ROAD 72 72 79
CHARLOTTE 28211
U OF VIRGINIA 704 365-0760

THOMAS, ACHAMMA IM RT
2048 CONISTON PLACE 57 57 73
CHARLOTTE 28207
R G KAR MED COLL 704 333-4444

THOMASON, MICHAEL HALE GS AC
PO BOX 32861 78 79 75
CHARLOTTE 28232
U OF NC 704 331-3176

THOMLEY, ALAN MILES CD /IM AC
1960 RANDOLPH ROAD 77 78 85
CHARLOTTE 28207
U OF MIAMI 704 373-1503

THOMPSON, JOHN ALBERT, JR. D AC
2310 RANDOLPH ROAD 67 67 74
CHARLOTTE 28207
BOWMAN GRAY 704 376-9849

THOMPSON,WILLARD C., JR. GS AC
3535 RANDOLPH RD., 201-W 50 55 55
CHARLOTTE 28211
CORNELL U 704 364-8100

TIDWELL, JOHN WILLIAM, II OBG AC
1900 RANDOLPH ROAD 65 66 73
CHARLOTTE 28207
U OF MICHIGAN 704 377-5675

TOLENTINO, ANITA CHUA AN AC
6842 N. BALTUSTROL LANE 71 74 78
CHARLOTTE 28210
U OF SANTO TOMAS 704 552-8511

TRACY, JOHN WILLIAM FP AC
1618 E. MOREHEAD ST. 82 83 86
CHARLOTTE 28207
U OF NC 704 377-3610

TSAI, GEORGE SHOU-CHYUAN GP AC
P. O. BOX 430 70 77 80
INDIAN TRAIL 28079
CHINA MED COLL 704 821-7056

TUCKER, PAUL CHAMBLISS, JR. GE /IM AC
NALLE CLINIC 65 65 73
1350 S. KINGS DR.
CHARLOTTE 28207
MED COLL OF GA 704 372-8750

TUCKER, WALTER ROBERT FP AC
1618 E. MOREHEAD ST. 74 74 75
CHARLOTTE 28207
U OF NC 704 377-3610

TUCKER, WILLIAM STUART, JR. IM /END AC
1350 S. KINGS DR. 78 81 85
CHARLOTTE 28207
U OF VIRGINIA 704 372-8750

TUGGLE, ALLAN DAVIS R L
2335 FOREST DRIVE 26 40 41
CHARLOTTE 28211
U OF LOUISVILLE 704 366-4089

UGLAND, DAVID NELS OPH AC
100 QUEENS RD. 80 80 86
CHARLOTTE 28204
BAYLOR 704 332-1156

VALERI, FRANK SCOTT CD /IM AC
2330 RANDOLPH RD. 80 81 85
CHARLOTTE 28207
PENN STATE U 704 377-0575

VAN-HOY, JOE MILTON GS L/RT
3735 ABINGDON ROAD 38 38 49
CHARLOTTE 28211
DUKE 704 364-5069

MECKLENBURG COMPONENT SOCIETY (Continued)

VANDIVER, THOMAS JACKSON OBG AC
76 78 81
150 PROVIDENCE ROAD
CHARLOTTE 28207
EMORY U 704 377-0461

VERDONE, GEORGE FREDERICK IM /GER AC
43 49 49
1850 E.THIRD STREET, #210
CHARLOTTE 28204
NEW YORK MED COL 704 377-2559

VERHOEFF, DIRK PUD L/RT
36 33 54
SEASIDE SPARROW 12
HILTON HEAD ISLAND, SC 29928
U OF UTRECHT 803 671-2665

VERMEULEN, FRED DONALD CRS /GS AC
76 77 83
2028 RANDOLPH ROAD
CHARLOTTE 28207
CASE WESTERN RES 704 333-1259

VERNER, HUGH DAVID IM AC
43 47 50
212 S. TRYON ST., STE. 1500
CHARLOTTE 28281
JOHNS HOPKINS 704 365-0760

VERROSS, WILLIAM EDWARD OBG AC
74 75 81
1023 EDGEHILL ROAD, S.
CHARLOTTE 28207
MED COLL OF GA 704 373-1541

VESANO, JACK LEE ORS AC
68 68 73
225 HAWTHORNE LANE, SUITE 201
CHARLOTTE 28204
WEST VA U 704 334-0809

VISSER, PHILIP ALBERT GS /CRS AC
76 77 84
2115 E. 7TH ST., STE. 104
CHARLOTTE 28204
U OF IOWA 704 333-1574

VISSER, VALYA ELIZABETH NPM /PD AC
73 74 85
DEPT. OF PEDIATRICS
CHARLOTTE MEM. HOSP. BOX 32861
CHARLOTTE 28232
U OF IOWA 704 338-3156

WACHTER, FRANCIS WILFRED PTH AC
60 61 75
2538 SELWYN AVENUE
CHARLOTTE 28209
JEFFERSON 704 371-4814

WAGONER, DAVID KIRK PD AC
71 71 78
332 LILLINGTON AVENUE
CHARLOTTE 28204
U OF NC 704 376-4493

WALKER, ANDREW WILLIAM PS /HS AC
60 60 69
2215 RANDOLPH ROAD
CHARLOTTE 28207
VANDERBILT U 704 372-6846

WALKER, ANNE ENGLISH PD AC
80 83 84
226 BALDWIN AVENUE
CHARLOTTE 28207
U OF NC 704 332-8139

WALKER, PHILLIP JACKSON NEP /IM AC
64 64 78
928 BAXTER ST.
CHARLOTTE 28204
U OF VIRGINIA 704 374-1321

WALKER, THOMAS ENGLISH PD AC
50 50 53
226 BALDWIN AVENUE
CHARLOTTE 28204
HARVARD 704 332-8139

WALKER, WILLIAM ALFRED CRS /GS AC
78 79 75
2028 RANDOLPH RD.
CHARLOTTE 28207
U OF NC 704 333-1259

WANNAMAKER, EDWARD JONES IM L/RT
21 24 25
1200 QUEENS ROAD
CHARLOTTE 28207
U OF PENN 704 372-5125

WARNER, CHARLES ERNEST PD AC
58 58 63
1700 ABBEY PLACE
CHARLOTTE 28209
DUKE 704 523-7232

WARREN, CASPER CARL, JR. AN AC
59 59 60
923 GRANVILLE ROAD
CHARLOTTE 28207
U OF NC 704 372-3325

WARREN, THOMAS LINSON AN AC
78 79 85
5128 RED CEDAR LANE
CHARLOTTE 28226
WEST VA U 704 379-5943

WASHINGTON, EDWARD M. PYM /AN AC
76 77 82
6523 PENSFORD LANE
CHARLOTTE 28226
NEW YORK MED COL 704 366-0859

WATKINS, CARLTON GUNTER PD AC
43 43 46
3500 ELLINGTON STREET
CHARLOTTE 28211
WASHINGTON U 704 372-7790

WATSON, DAVID WILLIAM U AC
64 64 73
1900 RANDOLPH RD., STE. 506
CHARLOTTE 28207
SYRACUSE 704 375-2544

WEBSTER, JOEL STOOPS CD /IM AC
53 53 74
2330 RANDOLPH AT LAUREL AVE
CHARLOTTE 28207
U OF MARYLAND 704 377-0575

WEEKS, KENNETH DURHAM, JR. IM /CD AC
74 78 84
125 BALDWIN AVENUE
CHARLOTTE 28204
DUKE 704 338-6300

WELTON, DAVID GOE D L
35 39 39
835 HEMPSTEAD PLACE
CHARLOTTE 28207
U OF WISCONSIN 704 364-6110

WHITE, MACK WILLIS, III IM AC
79 80 75
7523 LITTLE AVE.
CHARLOTTE 28226
U OF NC 704 542-1952

WHITE, THOMAS HUGH OBG AC
59 59 65
1851 E. THIRD STREET
CHARLOTTE 28204
DUKE 704 332-8103

WHITE, THOMAS RHYNE FP AC
80 80 77
10724 PARK ROAD
CHARLOTTE 28210
DUKE 704 542-9227

WHITE, WILLIAM ELLIOTT PD AC
46 47 53
2711 RANDOLPH RD., STE. 301
CHARLOTTE 28207
BOWMAN GRAY 704 332-6332

WHITESIDE, JOHN HARVEY OBG AC
57 57 74
150 PROVIDENCE ROAD
CHARLOTTE 28207
U OF TORONTO 704 377-0461

WIDENER, HERBERT LLOYD RHU /IM AC
68 77 78
1350 S. KINGS DRIVE
CHARLOTTE 28207
MED COLL OF VA 704 372-8750

WILKERSON, E. RANDOLPH, JR. OPH AC
64 64 71
3535 RANDOLPH ROAD
CHARLOTTE 28211
EMORY U 704 364-8576

WILKINSON, HENRY ALFRED PTH AC
60 60 74
2700 BEVERWYCK ROAD
CHARLOTTE 28211
MED COLL OF GA 704 338-3466

WILLIAMS, CHARLES D. PUD /IM AC
50 54 57
1928 RANDOLPH ROAD
CHARLOTTE 70433
DUKE 327 120-0000

WILLIAMS, MCCHORD GS L
37 37 42
3954 CHURCHILL ROAD
CHARLOTTE 28211
HARVARD 704 364-5363

WILLIAMS, WILLIAM THOMAS, JR. IM /PD AC
73 73 79
MAIN ST., BOX 1570
DAVIDSON 28036
BAYLOR 704 892-7905

WILLIAMSON, JOYCE M. D AC
58 66 67
3535 RANDOLPH ROAD, 101-W
CHARLOTTE 28211
U OF EDINBURGH 704 364-6110

WILSON, HENRY VANPETERS, III GS /TS AC
61 64 67
3535 RANDOLPH RD., 201-W
CHARLOTTE 28211
JOHNS HOPKINS 704 364-8100

WING, RICHARD LEE OBG AC
76 76 85
PO BOX 32861
CHARLOTTE MEM. HOSPITAL
CHARLOTTE 28232
U OF NC 704 338-3149

WINGERT, JOHN GEORGE OBG AC
55 65 65
1955 RANDOLPH ROAD
CHARLOTTE 28207
U OF IOWA 704 376-3536

WISE, DANIEL EDWIN CD AC
69 69 77
1350 S. KINGS DRIVE
CHARLOTTE 28207
OHIO STATE U 704 372-8750

WISE, FRED EUGENE, JR. DR AC
45 54 55
1350 S. KINGS DRIVE
CHARLOTTE 28207
MED COLL OF VA 704 372-8750

WISSING, JOEL ALLEN R AC
73 74 85
1611 E. THIRD ST.
CHARLOTTE 28211
U OF ALABAMA 704 333-0224

WOLTZ, JOHN HENRY EARLY GYN L
42 42 46
150 PROVIDENCE ROAD
CHARLOTTE 28207
U OF PENN 704 377-0461

WOOD, KENNETH ERVIN ORS AC
70 71 78
1350 S. KINGS DRIVE
CHARLOTTE 28207
U OF FLORIDA 704 372-8750

WOODY, JOE HARRIS OPH AC
58 58 65
4335 COLWICK RD.
PO BOX 220397
CHARLOTTE 28222
BOWMAN GRAY 704 364-7400

WORTMAN, WILLIAM J., JR. GYN /OBS AC
64 64 76
2711 RANDOLPH ROAD, #309
CHARLOTTE 28207
BOWMAN GRAY 704 376-1580

WRENN, RICHARD NICKLES ORS AC
47 55 56
1822 BRUNSWICK AVENUE
CHARLOTTE 28207
DUKE 704 373-0544

WRIGLEY, RUTH LEYMEISTER FP /P AS
38 38 71
4516 RANDOLPH RD., #131
CHARLOTTE 28211
TEMPLE U 704 366-5479

WYNN, ROY SPURGEON OPH RT
33 34 67
1721 OAKLAWN AVENUE
CHARLOTTE 28216
HOWARD U 704 332-2035

YOUNG, JOHN ADAM, II OPH AC
60 60 67
1600 E. THIRD STREET
CHARLOTTE 28204
U OF NC 704 372-3300

YOUNT, JAMES ALVIN CD /CD AC
66 66 74
3535 RANDOLPH ROAD
CHARLOTTE 28211
U OF NC 704 365-0760

YUDELL, ROBERT BENJAMIN OPH AC
54 57 61
309 S. LAUREL AVENUE
CHARLOTTE 28207
DUKE 704 372-4380

ZIMMERMAN, GERALD DAVID R /NM AC
62 62 70
5328 SANDTRAP LANE
CHARLOTTE 28226
M C OF WISCONSIN 704 379-5860

ZIMMERN, SAMUEL HYAMS CD /IM AC
74 74 83
1960 RANDOLPH ROAD
CHARLOTTE 28207
JOHNS HOPKINS 704 373-1503

ZOLLINGER, RICHARD W., II TS /CDS AC
78 79 86
1900 RANDOLPH RD., #206
CHARLOTTE 28207
CHICAGO MED SCH 704 372-1306

ZUGER, JAMES HERMAN R AC
73 74 77
6011 BENTWAY DR.
CHARLOTTE 28226
BOSTON U 704 541-6011

61. MITCHELL-YANCEY COMPONENT SOCIETY

OFFICERS—**President:** Robert Meyers, M.D., Spruce Pine
Secretary: Thomas S. Kaluzynski, M.D., Spruce Pine

BLANCHET, GARRETT HOAG FP AC
78 80 84
320 PENSACOLA ROAD
BURNSVILLE 28714
TUFTS U 704 682-9121

BUCHANAN, HARRY GLENN FP AC
64 67 68
203 BROAD STREET
SPRUCE PINE 28777
WEST VA U 704 765-7361

CORT, CAROLYN RAY PD AC
70 70 79
P. O. BOX 188
BURNSVILLE 28714
BOWMAN GRAY 704 682-6912

HORNER, JACK CHENOWTH GS L/RT
37 51 51
37 PACES WEST PLACE
ATLANTA, GA 30327
GEO WASHINGTON U 404 237-4651

JOHNSON, CURTIS CORYDON GS /GYN AC
53 54 80
106 HOSPITAL DRIVE
SPRUCE PINE 28777
ST U OF NY-BUFF 704 765-6131

JOHNSON, JAMES NOLEN FP AC
57 58 59
P. O. BOX 525
SPRUCE PINE 28777
U OF TENNESSEE

SANTI, KATHLEEN MARY FP /OBG AC
67 67 85
320 PENSACOLA ROAD
BURNSVILLE 28714
EMORY U 704 682-7441

SARGENT, WINSTON ARTHUR Y. GP L/RT
30 31 54
1317 SPEAR ST.
SOUTH BURLINGTON, VT 05401
U OF VERMONT 704 682-2566

WAMPLER, GARLAND EARHART FP AC
56 56 57
P. O. DRAWER 190
BURNSVILLE 28714
U OF NC 704 682-2646

62. MONTGOMERY COMPONENT SOCIETY

OFFICERS—**President:** Michael B. Daley, M.D., Troy (919 572-3779)
Secretary: Fred E. Wier, M.D., Troy (919 572-3737)

ANDREWS, VERNON LILES FP L/RT
42 42 47
RT. #2, BOX 2049-A
MOUNT GILEAD 27306
COLUMBIA U 919 439-5516

CULLEY, JAMES PAUL GS AC
66 67 74
DRAWER D
TROY 27371
U OF KENTUCKY 919 572-3737

DALEY, MICHAEL BERNARD IM AC
78 79 82
423 WOOD STREET
TROY 27371
MED U OF SC 919 572-3779

GIBSON, JACKSON V. IM AC
80 80 84
423 WOOD STREET
TROY 27371
U OF NC 919 572-3779

GLENN, JOHN CAPERS, JR. R /NM AC
43 47 47
514 WOOD STREET
TROY 27371
DUKE 919 572-3475

HIGHSMITH, CHARLES GS /ORS AC
42 42 52
P. O. BOX D
TROY 27371
GEO WASHINGTON U 919 576-5511

JANTZ, ROBERT JOSEPH FP AC
81 83 84
P. O. BOX 128
MOUNT GILEAD 27306
TEMPLE U 919 439-5511

SCARBOROUGH, CHARLES F., JR GP AC
46 47 50
202 OKEEWEEMEE ROAD
STAR 27356
JEFFERSON 919 428-2144

WIER, FRED EUGENE GS /CDS AC
74 74 82
506 WOOD ST.
TROY 27371
LOMA LINDA U 919 572-3737

WORF, RICHARD CHARLES FP AC
78 79 82
508 WOOD STREET
TROY 27371
U OF NC 919 572-3656

63. MOORE COMPONENT SOCIETY

OFFICERS—**President:** F. M. Simmons Patterson, M.D., Pinehurst (919 295-5511)
Secretary: Stephen E. Rostan, M.D., Pinehurst (919 295-5567)

BRUTON, HENRY DAVID PD AC
61 61 67
195 W. ILLINOIS AVE.
SOUTHERN PINES 28387
U OF NC 919 692-2444

CADDELL, TILLIE HORKEY GP L
51 52 62
P. O. BOX 519
PINEHURST 28374
MED COLL OF GA 919 295-5511

CARTER, STEVEN RAYMOND AN AC
78 80 82
309 HILL ROAD
SOUTHERN PINES 28387
BOWMAN GRAY 919 692-2273

CHIULLI, RICHARD ALLEN GS AC
77 81 82
137 JAMES CREEK ROAD
SOUTHERN PINES 28387
BOSTON U 919 295-1141

CLARK, THEODORE RUST P /N AC
51 52 75
140 SOUTHWEST BROAD ST.
SOUTHERN PINES 28387
HARVARD 919 692-6471

COLLINS, FRANCIS F., JR. IM /PUD AC
72 73 77
P. O. BOX 519
PINEHURST 28374
U OF VERMONT 919 295-5511

COX, STANLEY CULLEN, III OTO AC
68 68 76
205 CREST ROAD
SOUTHERN PINES N C 28387
U OF COLORADO 919 295-6831

DANIEL, LOUIS BROADDUS, JR. ORS AC
56 56 63
PINEHURST SURGICAL CLINIC
PINEHURST 28374
BOWMAN GRAY 919 295-1042

DAUGHTRIDGE, CLAY C., JR IM /CD AC
59 59 67
P. O. BOX 519
205 PAGE ROAD
PINEHURST 28374
BOWMAN GRAY 919 295-5511

ELLIOTT, HARDIE BISHOP EM AC
37 37 74
47 VILLAGE GREEN
SOUTHERN PINES 28387
U OF TEXAS 919 692-7451

ELLIS, JOHN NELSON ORS AC
66 67 74
PINEHURST SURGICAL CLINIC
PINEHURST 28374
U OF KANSAS 919 295-6831

FELTON, ROBERT LEE, JR. GP L
27 27 30
PO BOX 57
WATERFORD, VA 22190
U OF PENN 919 947-2333

FLEURY, ROBERT ANDRE P AC
77 78 83
140 SOUTHWEST BROAD ST.
SOUTHERN PINES 28387
BOWMAN GRAY 919 692-6471

FRANCIS, EDWIN HOWARD EM AC
40 41 74
9 VILLAGE GREEN
SOUTHERN PINES 28387
ST U OF NEW YORK 919 295-7777

GADD, DUWAYNE DOUGLAS U AC
46 56 56
PINEHURST SURGICAL CLINIC
PINEHURST 28374
U OF MICHIGAN 919 295-1142

GRIER, JOHN CALVIN, JR. P L
40 40 47
P. O. BOX 819
PINEHURST 28374
JEFFERSON 919 295-6166

HARTSELL, CHARLES JACOB, JR. AN AC
58 58 63
MOORE MEMORIAL HOSPITAL
PINEHURST 28374
DUKE 919 295-6861

HASERICK, JOHN ROGER DMP /D AC
41 41 70
P. O. BOX 669
PINEHURST 28374
U OF MINN 919 295-5567

HENDERSON, GEORGE P., JR. HNS /OTO AC
64 64 72
PINEHURST SURGICAL CLINIC
PINEHURST 28374
U OF NC 919 295-1612

HIATT, JOSEPH SPURGEON, JR. IM /PUD L
39 41 45
P. O. BOX 519
PINEHURST 28374
DUKE 919 295-5511

HOSTETLER, HERBERT JAMES AN AC
59 60 84
52 RED FOX RUN
PINEHURST 28374
U OF ILLINOIS 919 295-2688

HUCKS-FOLLISS, ANTHONY G. NS AC
69 69 75
P. O. BOX 2000
PINEHURST 28374
U OF VIRGINIA 919 295-1843

JACOBSON, PETER LARS N /IM AC
77 78 80
P. O. BOX 1749
PINEHURST 28374
WASHINGTON U 919 295-6868

JACOBSON, SEVERT HAROLD NS AC
65 65 78
P. O. BOX 2000
PINEHURST 28374
U OF MINN 919 295-1291

JACQUES, ROBERT SAMUEL EM /FP AC
53 54 55
P. O. BOX 695
PITTSBORO 27312
LOMA LINDA U 919 295-7777

KILPATRICK, WILBUR KIRBY, JR. OBG AC
64 64 76
P. O. BOX 2000
PINEHURST 28374
U OF NC 919 295-1391

KRUSE, RICHARD STEVEN DR /NM AC
71 72 79
PO BOX 1795
SOUTHERN PINES 28387
GEORGETOWN U 919 692-9667

MOORE COMPONENT SOCIETY (Continued)

LAM, DOUGLAS EDWARD FP AC
105 PERRY DRIVE 76 77 84
SOUTHERN PINES 28387
WAYNE STATE U 919 692-4802

LANINGHAM, JAMES E. T. PTH /BLB AC
P. O. BOX 3000 66 69 75
MOORE MEMORIAL HOSPITAL
PINEHURST 28374
MED COLL OF VA 919 295-7978

LARSEN, ERIC GS /CDS AC
P. O. BOX 2000 65 65 72
PINEHURST 28374
CASE WESTERN RES 919 295-1762

LEE, KYU YONG GP AC
MCCAIN HOSPITAL 68 77 86
MCCAIN 28361
CATHOLIC U 919 944-2351

LINA, JOHN RAYMOND DR /R AC
203 RIDGEVIEW ROAD 73 74 81
SOUTHERN PINES 28387
NJ COLL OF MED 919 295-7040

LINEBERGER, THOMAS H. IM AC
1901-C N. SANDHILL BLVD. 80 81 84
ABERDEEN 28315
U OF NC 919 692-4011

LONG, CLIFFORD JAMES OBG AC
P. O. BOX 2000 77 78 81
PINEHURST 28374
WAYNE STATE U 919 295-5552

LOOMIS, FRANK JOSEPH EM /GP AC
527-B EAGLE ROAD 49 50 74
WHISPERING PINES 28327
U OF MICHIGAN 919 295-7777

MARCHETTI, LOUIS JOSEPH U AC
MIDSOUTH UROLOGY CTR., PA 64 64 72
BOX 3, TWO MEMORIAL DR.
PINEHURST 28374
NJ COLL OF MED 919 295-2402

MARTIN, ROBERT GALE OPH AC
2170 MIDLAND ROAD 68 68 78
SOUTHERN PINES 28387
U OF NC 919 295-2100

MCDEVITT, NOEL BRUCE PS /HS AC
1 MEMORIAL DR. 64 64 72
PINEHURST 28374
U OF NC 919 295-5131

MCFADDEN, JAMES STUART AN AC
P. O. BOX 3000 71 71 78
PINEHURST 28374
U OF NC 919 295-7184

MCLEOD, VIDA CANADAY GP L
265 N. RIDGE ST. 19 31 31
SOUTHERN PINES 28387
BAYLOR 919 692-0333

MCMILLAN, ROBERT MONROE IM L/RT
P. O. BOX 178 38 38 46
SOUTHERN PINES 28387
JOHNS HOPKINS 919 692-6885

MINCEY, GREGORY JULIAN OPH AC
2170 MIDLAND ROAD 77 79 83
SOUTHERN PINES 28387
EMORY U 919 295-2100

MONROE, CLEMENT ROSENBURG GS L/RT
P. O. BOX 1000 24 25 30
PINEHURST 28374
U OF MARYLAND 919 295-5694

MONROE, JOHN LAUCHLIN OTO /HNS AC
PINEHURST SURGICAL CLINIC 62 62 69
PINEHURST 28374
U OF NC 919 295-2161

MORRISON, HUGH MAXWELL, JR. OPH AC
P. O. BOX 460 57 57 63
PINEHURST 28374
U OF NC 919 295-6809

MUNSEY, FRANKLIN ALBERT PD AS
424 LOVE 15 DRIVE 44 49 85
PINEHURST 28374
BOSTON U 919 295-5659

NEVILLE, CECIL HOWELL, JR. ORS AC
PINEHURST ORTHOPAEDIC CLI. 60 60 62
P. O. BOX 1650
PINEHURST 28374
U OF NC 919 295-1392

OAKLEY, WARD SAYRE, JR. ORS AC
P. O. BOX 1650 75 76 84
PINEHURST 28374
U OF TENNESSEE 919 295-4200

OWENS, FRANCIS LEROY GP /ABS L
510 N. W. BROAD STREET 34 35 38
SOUTHERN PINES 28387
DUKE 919 692-6022

PATTERSON, F. M. SIMMONS, JR. CD /IM AC
PO BOX 519 71 71 78
205 PAGE ROAD
PINEHURST 28374
U OF PENN 919 295-5511

PATTERSON, RONALD HALFORD ORS AC
PINEHURST SURGICAL CLINIC 71 71 77
PINEHURST 28374
MED COLL OF VA 919 295-1471

PHILLIPS, CHARLES A. SPEAS GS /CRS AC
165 PAGE ROAD, #2 47 49 54
PINEHURST 28374
NORTHWESTERN U 919 295-5311

PISHKO, MICHAEL THEODORE OBG L/RT
P. O. BOX 339 36 37 45
PINEHURST 28374
DUKE 919 295-1961

PULEO, ELLEN ANNE OBG AC
CCNC, P. O. BOX 786 79 82 83
PINEHURST 28374
DUKE

ROSTAN, STEPHEN EDWIN D /DMP AC
P. O. BOX 669 70 71 77
PINEHURST 28374
VANDERBILT U 919 295-5567

ROWLAND, MICHAEL CLARK GS AC
P. O. BOX 2000 75 76 80
PINEHURST 28374
ST U OF NY-BUFF 919 295-2232

SAFIR, ARAN OPH AC
2170 MIDLAND ROAD 54 56 86
SOUTHERN PINES 28387
NEW YORK U 919 295-2100

SCHNELL, EDWARD WALTER OPH AC
1902-D N. SANDHILLS BLVD. 54 54 77
ABERDEEN 28315
LOYOLA U 919 692-4468

SHERRINGTON, BRIAN THOMAS PD AC
195 W. ILLINOIS AVE. 73 74 77
SOUTHERN PINES 28387
U OF FLORIDA 919 692-2444

SIEGE, ALFRED GEOFFREY PH /GPM AC
PO BOX 786 43 65 66
PINEHURST 28374
NEW YORK MED COL 919 692-8899

SNYDER, RALPH EUGENE IM AC
1902-C N. SANDHILLS BLVD. 50 52 79
ABERDEEN 28415
NEW YORK MED COL 919 692-4011

STAUB, ERNEST WILSON TS /CDS AC
PINEHURST SURGICAL CLINIC 57 65 66
PINEHURST 28374
NORTHWESTERN U 919 295-2544

STEWART, WILLIAM LEE PD AC
195 W. ILLINOIS AVE. 79 79 75
SOUTHERN PINES 28387
U OF NC 919 692-2444

STREET, MURDO EUGENE, JR. FP L
P. O. BOX 38 37 41 42
GLENDON 27251
DUKE 919 464-5315

STUBER, ROBERT LEO PTH /DMP AC
MOORE MEMORIAL HOSPITAL 56 63 65
PINEHURST 28374
ST LOUIS U 919 295-7135

SUTHER, THOMAS CORNELIUS, JR. P /GP AC
P. O. BOX 1107 56 56 70
PINEHURST 28374
U OF NC 919 673-8641

TARLETON, HAROLD LEWIS FP /EM AC
PO BOX 649 66 69 85
WEST END 27376
U OF CALIF-LA 919 673-2403

TART, JAMES ALVIN CD /IM AC
PINEHURST MED. CLINIC 66 66 73
205 PAGE ROAD
PINEHURST 28374
BOWMAN GRAY 919 295-5511

TATE, GEORGE WHALEY, JR. OPH AC
2170 MIDLAND ROAD 68 68 78
SOUTHERN PINES 28387
U OF TEXAS-SW 919 295-2100

WALKER, DAVID ANTHONY OPH AC
TOWN & COUNTRY SHOPPING CTR. 68 68 73
ABERDEEN 28315
LA STATE U 919 944-7196

WALLACE, DONALD KAI IM /GE AC
205 PAGE ROAD 59 59 65
PINEHURST 28374
DUKE 919 295-5511

WEIDAW, HAROLD RICHARD AI /IM AC
P. O. BOX 1835 54 71 83
PINEHURST 28374
JEFFERSON 919 295-3893

WILLIAMS, DAVID LEON IM /HEM AC
540 N. W. BROAD STREET 68 68 78
SOUTHERN PINES 28387
INDIANA U 919 692-2061

64. NASH COMPONENT SOCIETY

OFFICERS—**President:** W. F. Bobzien, M.D., Rocky Mount (919 443-9084)
Secretary: Stephen A. Mitchell, M.D., Rocky Mount (919 937-4100)

ADKINS, NEAL ASHLEY OBG AC
132 FOY DRIVE 72 72 78
ROCKY MOUNT 27801
U OF NC 919 443-6622

ANDRACCHIO, VINCENT CHARLES AN AC
3709 WESTRIDGE CIRCLE DR. 56 64 64
ROCKY MOUNT 27804
JEFFERSON 919 443-8038

BAGGETT, HENRY CLIFFORD OTO AC
2420 PROFESSIONAL DR. 70 70 77
P. O. BOX 7099
ROCKY MOUNT 27804
U OF NC 919 937-4100

BAILEY, GEORGE TILLMAN DR AC
212 OLD COLONY WAY 81 82 80
ROCKY MOUNT 27801
U OF NC 919 443-8083

BALES, DONALD WEESNER, JR. IM AC
P. O. BOX 4777 82 82 85
ROCKY MOUNT 27803
U OF TENNESSEE 919 977-6746

BASS, SPENCER PIPPEN, JR. PTH AC
P. O. BOX 605 49 53 57
TARBORO 27886
U OF VIRGINIA 919 823-3114

NASH COMPONENT SOCIETY (Continued)

BATTLE, MARGARET E. WHITE GYN L
521 PEACHTREE STREET 33 34 37
ROCKY MOUNT 27801
U OF MICHIGAN 919 442-2414

BATTLE, NEWSOM PITTMAN GS L
100 NASH MEDICAL ARTS MALL 26 30 31
ROCKY MOUNT 27801
U OF PENN 919 442-2414

BRANTLEY, JULIAN CHISOLM, JR. GYN L/RT
1507 LAFAYETTE AVE. 44 44 48
ROCKY MOUNT 27801
JEFFERSON 919 446-8434

BROCK, JULIAN STANLEY R L/RT
200 ENGLEWOOD DRIVE 51 52 53
ROCKY MOUNT 27801
DUKE 919 443-1353

BRYANT, JAMES EDWARD FP AC
P. O. BOX 589 60 60 76
ROCKY MOUNT 27801
HOWARD U 919 977-6701

BYNUM, ROBERT WILLIAM, IV NEP /IM AC
100 NASH MEDICAL ARTS MALL 79 80 84
ROCKY MOUNT 27801
U OF NC 919 443-9084

CARTER, NEEDHAM BATTLE IM /CD AC
322 S. FRANKLIN STREET 53 54 56
P. O. BOX 4777
ROCKY MOUNT 27803
DUKE 919 977-6746

CHAMBERS, ARTHUR LLOYD EM AC
3619 WESTRIDGE CIRCLE DR. 79 79 84
ROCKY MOUNT 27801
MED U OF SC 919 443-8172

CHAMBLEE, JOHN SIGMA PH /GPM L/RT
509 E. CHURCH STREET 38 38 42
NASHVILLE 27856
EMORY U 919 459-2223

CHAMBLISS, JOHN RANDOLPH IM AC
100 NASH MEDICAL ARTS MALL 44 44 50
ROCKY MOUNT 27801
HARVARD 919 443-9084

CLEAVER, H. DEHAVEN GS /TS AC
100 MEDICAL ARTS MALL 44 53 53
ROCKY MOUNT 27801
TEMPLE U 919 443-9084

CLINE, JAMES ALEXANDER GS /EM RT
3517 WOODLAWN ROAD 49 54 79
ROCKY MOUNT 27801
U OF MARYLAND 919 443-6444

COOPER, WILLIAM CORNELIUS, JR. PD AC
124 FOY DRIVE 60 60 67
ROCKY MOUNT 27801
DUKE 919 443-4031

CROCKER, DANIEL LIND ON /HEM AC
100 NASH MEDICAL ARTS MALL 70 70 76
ROCKY MOUNT 27801
U OF NC 919 443-9084

CRUMPLER, JAMES FULTON PD L
414 PEACHTREE STREET 30 30 35
ROCKY MOUNT 27804
NEW YORK U 919 442-1523

CRUMPLER, JAMES FULTON, JR. OTO AC
105-C FOY DRIVE 64 64 71
ROCKY MOUNT 27801
U OF NC 919 443-7878

DAVIS, FRANK ELBERT, III GS /CDS AC
100 NASH MEDICAL ARTS MALL 73 73 79
ROCKY MOUNT 27801
U OF NC 919 443-9084

DEANS, WILLIAM RONALD, JR. N AC
2412 PROFESSIONAL DR. 77 77 82
ROCKY MOUNT 27804
U OF TEXAS-SW 919 443-0041

DERBYSHIRE, JOHN STUART IM AC
322 S. FRANKLIN ST. 71 71 76
PO BOX 4777
ROCKY MOUNT 27801
OHIO STATE U 919 977-6746

DOYLE, RAYMOND THOMAS IM /HEM AC
322 S. FRANKLIN STREET 54 56 61
ROCKY MOUNT 27801
JOHNS HOPKINS 919 977-6746

FISH, HARRY GUSTAV, JR. GS AC
100 NASH MEDICAL ARTS MALL 48 55 56
ROCKY MOUNT 27801
DUKE 919 443-9084

FRITZ, RICHARD THOMAS R AC
2701 COLEBERRY TR. 76 77 85
ROCKY MOUNT 27801
U OF NC 919 443-8083

FROHBOSE, WILLIAM JOSEPH U L/RT
212 PIEDMONT AVENUE 43 53 53
ROCKY MOUNT 27801
MED COLL OF VA 919 443-3136

GOLD, BENJAMIN MILLER OBG RT
1730 LAFAYETTE CIRCLE 47 47 53
ROCKY MOUNT 27801
U OF MARYLAND 919 442-4756

HENDRIKS, HERBERT EDWARD, JR. PS AC
108 NASH MEDICAL ARTS MALL 70 71 79
ROCKY MOUNT 27801
U OF IOWA 919 443-8840

HIGH, LARRY ALLISON FP AC
310 E. ELM STREET 45 45 49
NASHVILLE 27856
MED COLL OF VA 919 459-2811

HIGH, LARRY ALLISON, JR. OBG AC
132 FOY DRIVE 72 72 78
ROCKY MOUNT 27801
U OF NC 919 443-6622

HOLLAND, MICHAEL DAY IM /NEP AC
529 AVONDALE AVE. 78 79 85
ROCKY MOUNT 27801
U OF NC 919 443-9084

HORNE, STEPHEN FRANCIS D AC
120 S. PEARL STREET 41 43 49
ROCKY MOUNT 27804
DUKE 919 446-4922

JONES, WILLIAM ROBERT GP AC
600 SUNSET AVENUE 47 48 54
ROCKY MOUNT 27801
BOWMAN GRAY 919 446-4921

JUSTA, SAMUEL HARRY GP L
3546 S. OCEAN BOULEVARD 33 33 34
PALM BEACH, FL 33480
MED COLL OF VA

KINNAIRD, PAUL MCKEE, JR. PD AC
101 NASH MEDICAL ARTS MALL 76 77 86
ROCKY MOUNT 27804
U OF LOUISVILLE 919 443-8820

KORNEGAY, LEMUEL WEYHER, JR. GS AC
1041 NOELL LANE 43 43 43
ROCKY MOUNT 27801
DUKE 919 443-0168

KORNEGAY, ROBERT DUMAIS GS L
1041 NOELL LANE 39 41 43
ROCKY MOUNT 27801
DUKE 919 443-0168

KRONCKE, FREDERICK GEORGE, JR. OBG AC
200 NASH MEDICAL ARTS MALL 70 70 75
ROCKY MOUNT 27801
U OF NC 919 443-5941

KUMAR, KAMLESH PUD /IM AC
108 N. ENGLEWOOD DR. 63 73 80
ROCKY MOUNT 27801
GSV MED COLLEGE 919 443-1126

KUMAR, SATISH KUMAR PUD /IM AC
108 N. ENGLEWOOD DR. 62 72 80
ROCKY MOUNT 27801
INST OF MED SCI 919 443-1126

LADWIG, STEPHEN HAROLD DR /NM AC
NASH GENERAL HOSPITAL 72 78 81
ROCKY MOUNT 27801
NORTHWESTERN U 919 443-8083

LEE, SOONG HYUN P AC
106 NASH MEDICAL ARTS MALL 63 72 76
ROCKY MOUNT 27801
SEOUL NATL U 919 443-8002

LIVERMAN, JOSEPH THOMAS FP AC
111 W. CHURCH STREET 53 54 57
NASHVILLE 27856
BOWMAN GRAY 919 459-4012

LOWRY, OTIS MEGEL FP AC
SPRING HOPE CLINIC 56 56 57
PO BOX 1090
SPRING HOPE 27882
U OF NC 919 478-5344

MACAULAY, ROBERT JOSEPH, JR. U AC
3136 SUNSET AVENUE 56 60 63
ROCKY MOUNT 27801
GEO WASHINGTON U 919 443-3136

MARQUEZ, PATERNO RIEGO FP AC
107 NASH MEDICAL ARTS MALL 55 70 81
ROCKY MOUNT 27804
U OF SANTO TOMAS 919 443-8810

MARSIGLI, ADOLFO HECTOR ORS /HS AC
110 NASH MEDICAL ARTS MALL 68 72 74
ROCKY MOUNT 27801
BUENOS AIRES U 919 443-8830

MARSIGLI, EDUARDO OSCAR ORS AC
110 NASH MEDICAL ARTS MALL 68 67 76
ROCKY MOUNT 27801
BUENOS AIRES U 919 443-8830

MARTIN, WILLIS ELWOOD D /IM AC
112 NASH MEDICAL ARTS MALL 74 74 82
ROCKY MOUNT 27801
U OF NC 919 443-8937

MARTINEZ, LUCAS J. NS AC
P. O. BOX 7514 68 68 82
ROCKY MOUNT 27801
U OF MADRID

MATHES, GORDON LAWRENCE, JR. U AC
3136 SUNSET AVE. 76 77 84
ROCKY MOUNT 27801
U OF TENNESSEE 919 443-3136

MCAULIFFE, JOHN EDWARD AN AC
3709 WESTRIDGE CIRCLE DR. 79 80 86
ROCKY MOUNT 27801
U OF CA-DAVIS 919 443-2125

MICHAL, RICHARD GLENN FP AC
1041 NOELL LANE, STE. 101 80 83 78
ROCKY MOUNT 27801
DUKE 919 443-3133

MITCHELL, JOHN SCOTT FP AC
1041 NOELL LANE, STE. 101 72 72 85
ROCKY MOUNT 27801
U OF VIRGINIA 919 443-3133

MITCHELL, STEPHEN A. OTO /HNS AC
P. O. BOX 7099 73 74 82
ROCKY MOUNT 27801
U OF MICHIGAN 919 937-4100

MORGAN, BENJAMIN EDWARD OBG AC
200 NASH MEDICAL ARTS MALL 47 48 54
ROCKY MOUNT 27801
BOWMAN GRAY 919 443-5941

OVERTON, DOLPHIN HENRY,JR. OBG AC
132 FOY DRIVE 53 61 61
ROCKY MOUNT 27801
DUKE 919 443-6622

PAYNE, FRED WILLIAM, JR. GS AC
100 NASH MEDICAL ARTS MALL 53 61 61
ROCKY MOUNT 27801
VANDERBILT U 919 443-9084

PITTMAN, WILLIAM BRYAN GE /IM AC
100 NASH MEDICAL ARTS MALL 71 76 79
ROCKY MOUNT 27801
U OF NC 919 443-9084

PROCTOR, CAMILLA ALLYN PUD AC
3009 ZEBULON ROAD 68 68 74
ROCKY MOUNT 27801
U OF NC 919 443-2552

RAMSEY, EDWARD ALLISON PD AC
124 FOYE DRIVE 75 75 78
ROCKY MOUNT 27804
BOWMAN GRAY 919 443-4031

RATCHFORD, GEORGE RUFUS, JR. IM AC
100 NASH MEDICAL ARTS MALL 56 56 62
ROCKY MOUNT 27801
DUKE 919 443-9084

ROBERTSON, LEON WHITFIELD FP /OM AC
107 MEDICAL ARTS MALL 45 45 47
ROCKY MOUNT 27801
BOWMAN GRAY 919 443-8810

SEIGMAN, EDWIN LINCOLN DR AC
105 BUNN DRIVE 41 52 53
ROCKY MOUNT 27804
U OF MARYLAND 919 443-2044

SHERIDAN, ROBERT JOHN PD AC
101 NASH MEDICAL ARTS MALL 48 53 53
ROCKY MOUNT 27801
DUKE 919 443-8820

NASH COMPONENT SOCIETY (Continued)

SHUMWAY, DAVID LUCIUS EM AC
112 CANDLEWOOD ROAD 75 76 84
ROCKY MOUNT 27804
U OF ILLINOIS 919 937-6581

SMITH, CLAIBORNE THWEATT IM L
100 MEDICAL ARTS MALL 18 18 20
ROCKY MOUNT 27801
U OF PENN 919 442-2916

SMITH, TIMOTHY CARL IM AC
322 S. FRANKLIN STREET 71 71 74
P. O. BOX 4777
ROCKY MOUNT 27803
OHIO STATE U 919 977-6746

SOWERWINE, MARGARET EVA IM AC
P. O. BOX 4777 82 82 85
ROCKY MOUNT 27803
U OF VERMONT 919 977-6746

STEINER, MICHAEL LEE OPH AC
3044 SUNSET AVE., STE. 100 67 68 75
ROCKY MOUNT 27801
WEST VA U 919 443-6129

STEKLOFF, SHELDON HARVEY AN AC
3741 SUNSET AVE. APT. A-1 69 74 75
ROCKY MOUNT 27801
U OF COLORADO 919 937-4284

STOVER, JOHN OLIVER, JR. DR /NM AC
P. O. BOX 42 68 68 76
RED OAK 27868
MED COLL OF VA 919 443-8083

SUITER, THOMAS B., JR. IM AC
100 NASH MEDICAL ARTS MALL 46 49 49
ROCKY MOUNT 27801
DUKE 919 443-9084

SUTTON, JULIAN T. GS /FP AC
DRAWER 100 51 51 53
SCOTLAND NECK 27874
U OF MARYLAND 919 826-3143

THORP, JAMES H. MERRIAM OBG AC
200 NASH MEDICAL ARTS MALL 57 57 66
ROCKY MOUNT 27801
U OF NC 919 443-5941

THORP, LEWIS SUMNER FP /FP AC
100 MEDICAL ARTS MALL 52 52 53
ROCKY MOUNT 27801
U OF PENN 919 443-9084

TODD, STUART KITTREDGE GS AC
100 NASH MEDICAL ARTS MALL 73 74 80
ROCKY MOUNT 27801
U OF TENNESSEE 919 443-9084

WALL, WILLIAM STANLEY GP L
330 S. W. MAIN STREET 33 33 36
ROCKY MOUNT 27801
U OF PENN 919 446-4952

WARREN, JULIAN MARION FP AC
P. O. BOX 1120 56 57 58
SPRING HOPE 27882
U OF VIRGINIA 919 478-4600

WEEKS, KENNETH DURHAM IM /CD L
322 S. FRANKLIN STREET 39 40 46
ROCKY MOUNT 27801
DUKE 919 977-6746

WHISNANT, JOSEPH D., JR. U AC
100 BRISTOL COURT 71 71 81
ROCKY MOUNT 27801
BOWMAN GRAY 919 443-3136

WHITAKER, JAMES ALLEN U L
1041 NOELL LANE, SUITE 102 33 34 35
ROCKY MOUNT 27804
TEMPLE U 919 443-0578

YENNEY, MATTHEW F.J., JR. R /NM AC
1031 NOELL LANE 54 61 61
PO BOX 111
ROCKY MOUNT 27801
JEFFERSON 919 443-9101

ZIPF, ROBERT EUGENE, JR. PTH /FOP AC
NASH GENERAL HOSPITAL 66 66 79
ROCKY MOUNT 27801
OHIO STATE U 919 443-8043

65. NEW HANOVER-PENDER COMPONENT SOCIETY

OFFICERS—**President:** John Cashman, M.D., Wilmington (919 763-9084)
Secretary: D. Wayne Varner, M.D., Wilmington (919 791-2311)
Executive Secretary: Mrs. Bonnie J. Brown, 103 Green Meadows Dr., Wilmington 28405 (919 791-6952)

ALLEN, MOLLY VIRGINIA OPH AC
1120 MEDICAL CENTER DR. 80 80 85
WILMINGTON 28401
U TX-SAN ANTONIO 919 763-7316

ALMKUIST, RALPH DURWOOD, II NEP /IM AC
1302 MEDICAL CENTER DRIVE 71 71 78
WILMINGTON 28401
BOWMAN GRAY 919 763-3651

ALMOND, CHARLES MALCOLM FP AC
1602 DOCTOR'S CIRCLE 70 70 75
WILMINGTON 28401
U OF NC 919 763-5471

ANDERSON, ELBERT CARL OPH L/RT
3208 OLEANDER DR. 37 37 39
WILMINGTON 28403
NORTHWESTERN U 919 763-6265

ANDERSON, LANDON BUTLER ORS AC
1222 MEDICAL CENTER DRIVE 72 78 79
WILMINGTON 28401
VANDERBILT U 919 763-2977

ANDREWS, ROBERT JACKSON IM AC
5305 WRIGHTSVILLE AVENUE 46 48 51
WILMINGTON 28403
U OF TENNESSEE 919 791-2626

ANTHONY, LYNDON ULYSSES NS AC
1301 CYPRESS GROVE DRIVE 57 57 65
WILMINGTON 28401
U OF NC 919 762-1804

ARMISTEAD, HOWARD LACY,JR. FP /OM AC
2108 S. SEVENTEENTH STREET 66 67 68
WILMINGTON 28401
U OF VIRGINIA 919 762-7776

ASSEVERO, MICHAEL LAWRENCE OBG AC
1502 PRINCESS ST. 81 81 85
WILMINGTON 28401
MEHARRY MED COLL 919 762-8662

BACHMAN, DAVID STANLEY N /CHN AC
1202 MEDICAL CENTER DR. 69 76 84
WILMINGTON 28401
JOHNS HOPKINS 919 341-3359

BASHFORD, ROBERT ALONZO OBG AC
2215 CANTERWOOD DRIVE 71 71 75
WILMINGTON 28401
U OF NC 919 343-1031

BEAR, SIGMOND AARON GYN AC
FIGURE EIGHT ISLAND 48 52 52
94 BEACH ROAD, SOUTH
WILMINGTON 28405
JOHNS HOPKINS 919 686-9565

BLACK, JOHN ALEXANDER R AC
2206 LYNNWOOD DR. 81 84 80
WILMINGTON 28403
BOWMAN GRAY 919 343-7000

BLACK, PAUL ADRIAN L. OALR/OPH L
5553 OLEANDER DRIVE 33 33 38
WILMINGTON NC 28403
LOMA LINDA U 919 799-2226

BOTROS, SHERIF BOTROS OTO AC
1626 DOCTOR'S CIRCLE 75 79 81
WILMINGTON 28401
U OF NC 919 762-0234

BREWBAKER, STEPHEN LEWIS OBG AC
1912 TRADD COURT 81 82 86
WILMINGTON 28401
BOWMAN GRAY 919 343-1113

BROWN, ALBERT BELMONT GYN AC
1615 DOCTOR'S CIR. 43 67 67
WILMINGTON 28401
QUEENS U 919 343-1122

BUNN, DAVID GLENN, JR. OBG AC
2215 CANTERWOOD DR. 75 76 80
WILMINGTON 28401
U OF NC 919 763-1031

BUTLER, FREDERICK CLARENCE, JR OPH AC
1915 GLEN MEADE ROAD 61 61 67
WILMINGTON 28403
DUKE 919 763-3601

CALLAWAY, SAMUEL CLAYTON, JR. OTO AC
2311 DELANEY ROAD 63 63 72
WILMINGTON 28403
EMORY U 919 762-8754

CASHMAN, JOHN U AC
1905 GLEN MEADE ROAD 65 66 73
WILMINGTON 28403
JEFFERSON 919 763-6251

CAUGHEY, DALE WELLS, JR. IM AC
5305-A WRIGHTSVILLE AVENUE 70 70 73
WILMINGTON 28403
DUKE 919 799-4220

CHEN, CHIH-CHEN FRANK N AC
1608 WELLINGTON AVENUE 69 77 82
WILMINGTON 28401
TAIPEI MED COLL 919 395-5521

CHESSON, ARTHUR SAUNDERS, JR. PD AC
1501 DOCK ST. 54 54 56
WILMINGTON 28401
BOWMAN GRAY 919 762-1744

CODINGTON, JOHN BONNELL GS AC
1501 MEDICAL CENTER DRIVE 53 53 58
WILMINGTON 28401
U OF MARYLAND 919 763-6289

COLEMAN, GORDON DONALD PD AC
1920 S. 16TH ST. 75 76 79
WILMINGTON 28401
MED U OF SC 919 762-3942

COMBS, JOHN GILBERT, JR. R AC
2318 BLYTHE ROAD 66 66 73
WILMINGTON 28403
U OF TENNESSEE 919 392-2610

CONARD, DAVID LLOYD IM AC
BLACK RIVER HEALTH CENTER 81 82 85
ATKINSON 28421
U OF ROCHESTER 919 283-7783

CONLEY, MARTIN JAMES, JR. CD /IM AC
1515 DOCTOR'S CIRCLE 73 73 83
WILMINGTON 28401
DUKE 919 763-5182

CRACKER, ANDREW ROBERT OBG AC
1809 GLEN MEADE ROAD 62 67 67
WILMINGTON 28401
MED U OF SC 919 763-9833

CRAVEN, THOMAS, JR. ORS AC
2001 S. 17TH STREET 58 58 64
WILMINGTON 28401
U OF NC 919 763-7344

CREDLE, WILLIAM FRONTIS, JR. PUD /IM AC
1202 MEDICAL CENTER DRIVE 67 67 75
WILMINGTON 28401
MED COLL OF VA 919 763-8251

CREIGHTON, ROBERT KILGO OBG AC
6442 SHINNWOOD RD. 61 61 70
WILMINGTON 28403
U OF NC 919 256-6356

CROUCH, WALTER LEE PD RT
1902 BREWTON COURT 46 46 52
WILMINGTON 28403
U OF MARYLAND 919 762-3619

DALEY, JOHN GILBERT OBG /END AC
2143 ECHO LANE 55 56 77
WILMINGTON 28403
YALE 919 343-0161

DEES, JOHN TYLER FP /PH AC
COURTHOUSE AVE., PO BOX 815 52 52 54
BURGAW 28425
DUKE 919 259-2161

NEW HANOVER-PENDER COMPONENT SOCIETY (Continued)

DICKIE, JAMES WILLIAM GS L/RT 42 47 47
448 WAYNE DRIVE
WILMINGTON 28403
U OF VIRGINIA 919 762-8429

DINEEN, JAMES ROBERT ORS AC 45 58 65
1616 MEDICAL CENTER DRIVE
WILMINGTON 28401
U OF ROCHESTER 919 762-2655

DONAHUE, MICHAEL JOSEPH D AC 67 67 73
1505 MEDICAL CENTER DRIVE
WILMINGTON 28401
CREIGHTON U 919 763-1555

DORMAN, BRUCE HUGH ORS AC 48 55 55
2001 S. 17TH STREET
WILMINGTON 28401
DUKE 919 763-7344

DUROCHER, KEVIN HOWARD P AC 81 85 85
2311 CANTERWOOD DR.
WILMINGTON 28401
U OF WISCONSIN 919 762-9606

EAKINS, JOEY WILLIAM ID AC 70 70 72
ROUTE #3, BOX 303-K
WILMINGTON 28403
BOWMAN GRAY 919 763-3651

EATON, HUBERT ARTHUR, JR. IM AC 69 69 74
P. O. BOX 982
WILMINGTON 28401
MEHARRY MED COLL 919 763-5453

FALES, ROBERT MARTIN GS L/RT 32 32 36
407 W. RENOVAH CIRCLE
WILMINGTON 28403
JEFFERSON 919 762-1285

FICKLEN, CONWAY HAMILTON OBG AC 54 59 59
1912 MEETINGS COURT
WILMINGTON 28401
U OF VIRGINIA 919 763-8471

FISSCHER, ROLF HENDRIK P /N AC 55 62 64
2023 S. 17TH ST.
WILMINGTON 28401
U OF LEIDEN 919 343-0151

FULK, ROBERT VERNON, JR. OTO AC 65 65 74
2311 DELANEY AVENUE
WILMINGTON 28403
U OF NC 919 762-8754

GETZ, DONALD DAVID ORS AC 66 66 75
1616 MEDICAL CENTER DRIVE
WILMINGTON 28401
JEFFERSON 919 762-2655

GILLEN, HOWARD WILLIAM N AC 49 49 73
1301 CYPRESS GROVE DR.
WILMINGTON 28401
U OF ILLINOIS 919 762-8501

GONZALEZ, JORGE JOSE IM /END AC 71 76 79
2131 S. 17TH STREET
WILMINGTON 28401
U OF CHILE 919 343-0161

GOTTOVI, DANIEL PUD /IM AC 65 65 71
1202 MEDICAL CENTER DRIVE
WILMINGTON 28401
U OF ROCHESTER 919 341-3300

GRAHAM, CHARLES PATTISON GS L/RT 32 32 37
201 FOREST HILLS DRIVE
WILMINGTON 28403
HARVARD 919 762-0385

HAINES, RICHARD LITTLETON IM /GP AC 47 47 82
HIGHWAY 17,
P. O. BOX 565
HAMPSTEAD 28443
U OF VIRGINIA 919 270-3561

HARE, RANSOM BRYANT, JR. U L/RT 30 30 34
841 HANOVER DR.
GRIFFIN, GA 30223
MED U OF SC

HARSHBARGER, JOHN LYNN RHU /A AC 80 82 86
1202 MEDICAL CENTER DR.
WILMINGTON 28401
TEMPLE U 919 341-3350

HAWTHORNE, HENRY C., JR PD AC 67 67 74
1920 S. 16TH STREET
WILMINGTON 28401
U OF VIRGINIA 919 763-2072

HELAK, JOSEPH WALTER CD /IM AC 75 77 84
410 R. L. HONEYCUTT
WILMINGTON 28403
SYRACUSE 919 341-3400

HENSON, KENNETH CLIFFORD, SR. OM AS 53 53 73
2623 N. COLLEGE RD.
WILMINGTON 28405
U OF MARYLAND 919 791-7509

HICKS, CHARLES MONTGOMERY PD AC 62 62 73
1914 GLEN MEADE ROAD
WILMINGTON 28403
U OF NC 919 762-2651

HOEPPNER, DAVID LAWRENCE EM AC 65 75 85
3710 SHIPYARD
WILMINGTON 28403
U OF MANITOBA 919 791-0075

HOLT, WILLIAM REUBEN, JR. CD /IM AC 77 80 83
1515 DOCTOR'S CIRCLE
WILMINGTON 28401
MED COLL OF VA 919 763-5182

HOOPER, JOSEPH WARD, JR. U AC 46 46 53
1905 GLEN MEADE ROAD
WILMINGTON 28403
HARVARD 919 763-6251

HUNDLEY, JAMES DAVENPORT ORS AC 67 67 76
2001 S. 17TH STREET
WILMINGTON 28401
U OF NC 919 763-7344

HUNT, OLIVER RAYMOND, JR. CDS /TS AC 51 51 72
1607 DOCTOR'S CIRCLE
WILMINGTON 28401
U OF LOUISVILLE 919 763-6571

HUNTER, JOHN DANE ON /HEM AC 76 78 82
1202 MEDICAL CENTER DRIVE
WILMINGTON 28403
DUKE 919 762-2990

HUTCHINS, ROBERT HAROLD IM AC 76 76 79
2015 S. LIVE OAK PARKWAY
WILMINGTON 28403
U OF NC 919 343-8191

JAMES, JOSEPH MCCRAW R AC 55 55 63
2622 MIMOSA PLACE
WILMINGTON 28403
DUKE 919 343-7069

JOHNSON, DONALD GENE R /NR AC 74 75 84
2212 DELANEY AVENUE
WILMINGTON 28403
WEST VA U 919 383-7070

JOHNSON, HEBER WELLINGTON OBG /GS L 39 47 48
5305 WRIGHTSVILLE AVENUE
WILMINGTON 28403
HARVARD 919 791-2301

JONES, ROBERT BOYD OTO AC 64 64 72
2311 DELANEY ROAD
WILMINGTON 28403
U OF VIRGINIA 919 762-8754

JORDAN, HENRY DAVIDSON PTH AC 66 67 75
P. O. BOX 9000
WILMINGTON 28402
EMORY U 919 343-7074

KASH, STEPHEN LEE OPH AC 68 68 76
1120 MEDICAL CENTER DRIVE
WILMINGTON 28401
WASHINGTON U 919 763-7316

KESLER, JAMES L. OPH AC 75 76 80
1120 MEDICAL CENTER DRIVE
WILMINGTON 28401
WASHINGTON U 919 763-7316

KITTINGER, JOSEPH WILLIAM, III GE AC 80 80 85
1202 MEDICAL CENTER DR.
WILMINGTON 28401
U OF ARKANSAS 919 341-3345

KNOX, ANGELINA V. EDRALIN PD AC 59 59 72
2304 DELANEY AVENUE
WILMINGTON 28401
U OF SANTO TOMAS 919 763-3349

KOSERUBA, GEORGE MICHAEL PD L 40 42 44
1628 DOCTOR'S CIRCLE
WILMINGTON 28401
LOMA LINDA U 919 763-2476

KROHN, JOHN RAMON PS AC 66 67 75
2305 CANTERWOOD DR.
WILMINGTON 28401
U OF MINN 919 343-0119

LEACH, WILLIAM B. PTH RT 44 44 70
306 WIDGEON DR.
HAMPSTEAD 28443
U OF MANITOBA 919 270-4772

LOVETTE, KENNETH MAURICE OBG AC 79 80 83
1612 DOCTORS CIRCLE
WILMINGTON 28401
U OF NC 919 343-0161

MACKAY, JAMES CALVIN IM /PUD AC 47 54 54
1928 S. 16TH STREET
WILMINGTON 28401
BOWMAN GRAY 919 762-5292

MACQUEEN, DONALD MILES A /PD AC 69 69 73
2321 DELANEY AVENUE
WILMINGTON 28403
U OF NC 919 763-1661

MALOY, THOMAS HOWARD OPH AC 71 71 80
2310 DELANEY AVENUE
WILMINGTON 28401
U OF ALABAMA 919 763-3664

MANCUSI-UNGARO, PETER C. HEM /ON AC 68 69 75
2131 S. SEVENTEENTH STREET
WILMINGTON 28401
U OF MIAMI 919 343-0161

MARBURG, KENNETH CHARLES EM /FP AC 70 73 85
343 BRADLEY DR.
WILMINGTON 28403
U OF MARYLAND 919 791-0075

MARKWORTH, JAMES WARREN ORS AC 69 70 79
1222 MEDICAL CENTER DRIVE
WILMINGTON 28401
HARVARD 919 763-2977

MARSHBURN, E. THOMAS, JR. IM AC 47 48 54
3208 OLEANDER DRIVE
WILMINGTON 28403
BOWMAN GRAY 919 762-9621

MASON, DAVID PENDLETON OBG AC 75 76 79
1809 GLEN MEADE ROAD
WILMINGTON 28403
U OF NC 919 762-9807

MASON, LOCKERT BEMISS GS AC 45 45 52
NEW HANOVER MEM. HOSP.
WILMINGTON 28401
MED COLL OF VA 919 343-0161

MASTRANGELO, MICHAEL ROCCO GE AC 78 79 85
1515 DOCTOR'S CIRCLE
WILMINGTON 28401
U OF KENTUCKY 919 763-5182

MAXWELL, JOHN GARY GS AC 58 62 86
2131 S. 17TH ST.
WILMINGTON 28402
U OF UTAH 919 343-0161

MCCOY, RALPH CARLISLE PTH AC 67 68 76
1952 HILLSBORO ROAD
WILMINGTON 28401
EMORY U 919 343-7074

MCMILLAN, JAMES FULFORD P RT 47 48 52
1301 LIVE OAK PARKWAY
WILMINGTON 28403
BOWMAN GRAY 919 762-8178

MCMURRY, JOHN EUGENE, JR. OTO AC 80 82 86
2311 DELANEY AVE.
WILMINGTON 28401
U OF NC 919 762-3866

MEYER, CLINTON LOUIS GE /IM AC 78 78 84
1202 MEDICAL CENTER DR.
WILMINGTON 28401
U NEWFOUNDLAND 919 763-8251

MEYERSON, MARTIN BENJAMIN TR AC 68 69 77
NEW HANOVER MEM. HOSP.
WILMINGTON 28403
U OF ILLINOIS 919 343-7017

MINOR, STANLEY GILL EM /FP AC 75 76 84
NEW HANOVER MEM. HOSP.
WILMINGTON 28401
U OF NC 919 343-2440

MOBLEY, THOMAS BARNETT, III U AC 72 73 78
1905 GLEN MEADE ROAD
WILMINGTON 28403
MED COLL OF GA 919 763-6251

MOORE, HORACE GREELEY, JR. GS /TS AC 45 53 53
1414 MEDICAL CENTER DRIVE
WILMINGTON 28401
JOHNS HOPKINS 919 763-7363

MOORE, RALPH BRYAN, JR. PD AC 52 56 56
CHILDREN'S CLINIC
1920 16TH STREET
WILMINGTON 28403
CORNELL U 919 763-2072

NEW HANOVER-PENDER COMPONENT SOCIETY (Continued)

MOORE, ROBERT ALEX, JR. NS AC
1404 MEDICAL CENTER DRIVE 51 52 60
WILMINGTON 28401
BOWMAN GRAY 919 763-6578

MOORE, ROBERT MORGAN ORS AC
2001 S. 17TH STREET 75 81 82
WILMINGTON 28401
VANDERBILT U 919 763-7344

MORGAN, HERMAN GRADY, JR. PD AC
1807 S. CHURCHILL DRIVE 77 78 84
WILMINGTON 28403
U OF NC 919 762-3942

MORRIS, KENNY JORDAN R AC
301 HONEYCUTT DRIVE 62 62 68
WILMINGTON 28403
U OF NC 919 343-7069

MUSSELWHITE, NEILL HECTOR,III FP AC
1602 DOCTOR'S CIRCLE 75 75 75
WILMINGTON 28401
BOWMAN GRAY 919 763-1896

NANCE, CHARLES LEE, JR. ORS AC
2001 S. 17TH STREET 59 59 67
WILMINGTON 28401
DUKE 919 763-7344

NICKS, DENNIS BART PS /HS AC
2305 CANTERWOOD 77 77 83
WILMINGTON 28401
U OF MISSOURI 919 343-0119

NIXON, WILLIAM PRESTON, JR. NEP /IM AC
1302 MEDICAL CENTER DRIVE 68 68 74
WILMINGTON 28401
MED COLL OF VA 919 763-3651

O'QUINN, EDWARD NELSON OBG AC
1612 DOCTOR'S CIRCLE DRIVE 51 51 56
WILMINGTON 28401
EMORY U 919 763-9015

ORMAND, JOHN WILLIAM, JR. OBG AC
1809 GLEN MEADE ROAD 56 56 60
WILMINGTON 28401
U OF NC 919 763-1505

PACE, JOHN SANDERSON AN AC
825 INLET VIEW DRIVE 71 73 77
WILMINGTON 28403
U OF MIAMI 919 256-4008

PAPPAS, PETER GEORGE ID /IM AC
1302 MEDICAL CENTER DR. 78 79 84
WILMINGTON 28401
U OF ALABAMA 919 763-3651

PARKER, WILLIAM PAXTON, JR. NS AC
1301 CYPRESS GROVE DRIVE 56 57 74
WILMINGTON 28401
VANDERBILT U 919 762-1804

PARR, ROBERT ALEXANDER EM AC
NEW HANOVER HOSP.
DEPT. OF EMERG. MED. 78 84 84
WILMINGTON 28401
DES MOINES OST 919 343-7000

PEEDIN, JAMES HAROLD,JR. FP AC
P. O. BOX 1177 52 52 54
BURGAW 28425
DUKE 919 259-5721

PENCE, JAMES JEROME, JR. FP AC
2110 SOUTH 17TH ST. 59 59 62
WILMINGTON 28401
DUKE 919 763-3481

PHILLIPS, WILLIAM ALLAN D AC
3208 OLEANDER DRIVE 47 53 53
WILMINGTON 28403
JEFFERSON 919 763-7333

PICKARD, HENRY MACK IM L/RT
P. O. BOX 3351 38 46 46
WILMINGTON 28401
MCGILL U 919 791-1417

PIGFORD, ROBERT TOMS IM /CD L/RT
301 COLONIAL DRIVE 40 40 47
WILMINGTON 28403
U OF MARYLAND 919 762-5020

POINTS, GERALD LEE, II IM /FP AC
5305 WRIGHTSVILLE AVE. BLDG.B 65 66 66
WILMINGTON 28403
U OF KENTUCKY 919 791-3506

POLE, DONALD TALIAFERRO OBG AC
1912 TRADD COURT 73 78 82
WILMINGTON 28401
AUTONOMA U 919 343-1113

POLLOCK, HOKE DICKINSON OTO AC
1626 DOCTOR'S CIRCLE 75 75 81
WILMINGTON 28401
U OF NC 919 762-0234

POOLE, ERNEST TILGHMAN OPH /P AC
2310 DELANEY AVENUE 61 61 72
WILMINGTON 28403
DUKE 919 763-3664

PRICE, JAMES LOUIS, III OBG AC
1612 DOCTOR'S CIRCLE 75 75 80
WILMINGTON 28401
U OF NC 919 763-9015

RALLIS, MICHAEL GEORGE IM AC
301 S. MCNEIL ST. 77 79 81
PO BOX 1179
BURGAW 28425
GEO WASHINGTON U 919 259-5011

REMINGTON, JOHN LAUREN DR AC
2101 S. LIVE OAK PARKWAY 79 81 85
WILMINGTON 28403
U OF SOU FLORIDA 919 762-3882

REYNOLDS, FRANK RUSSELL PD AC
1613 DOCK STREET 44 44 50
WILMINGTON 28401
U OF PENN 919 763-4272

RIEMAN, GILBERT FLETCHER OBG AC
2148 ECHO LANE 52 52 73
WILMINGTON 28403
U OF VIRGINIA 919 343-0161

ROBERTS, LLOYD EUGENE OBG AC
1612 DOCTOR'S CIRCLE 69 72 79
WILMINGTON 28401
U OF COLORADO 919 763-9015

ROBINSON, NORMAN JEFFREY CD /IM AC
2131 S. 17TH ST. 63 63 71
PO BOX 9000
WILMINGTON 28402
DUKE 919 343-0161

ROBISON, WILLIAM PETERSON P AC
2023 SOUTH 17TH STREET 51 51 78
WILMINGTON 28401
MED COLL OF GA 919 343-0151

ROSENBERG, ERIC RONALD DR AC
2310 LYNNWOOD DRIVE 75 75 84
WILMINGTON 28403
NEW YORK MED COL 919 762-3882

RUST, CARL KING, II GE /IM AC
1202 MEDICAL CENTER DR. 68 68 77
WILMINGTON 28401
BOWMAN GRAY 919 341-3300

SAMPSON, JOSEPH LUTHER, JR. PS /GS AC
346 SHANDY LANE 61 61 78
WILMINGTON 28401
MED COLL OF VA 919 343-9774

SCHMIDT, CARL JACOB OM AC
GENERAL ELECTRIC CO. 64 65 83
P.O.BOX 780, M/C B06
WILMINGTON 28401
U OF LOUISVILLE 919 343-5320

SCOTT, CHARLES MATTHEW GS /CDS AC
543 MASONBORO SOUND RD. 75 80 83
WILMINGTON 28403
U OF CINCINNATI 919 763-6289

SCULLY, KEVIN SLEAN ORS AC
1616 MEDICAL CENTER DR. 78 80 84
WILMINGTON 28401
U OF VIRGINIA 919 762-2655

SEIDEL, MURRAY KAYE ORS AC
1222 MEDICAL CENTER DRIVE 65 66 73
WILMINGTON 28401
U OF PENN 919 763-2977

SHAH, JYOTSNA RAMESH AN AC
116 ROBERT E. LEE DRIVE 63 64 81
WILMINGTON 28403
U OF BOMBAY 919 763-4901

SHAH, RAMESH MANHARLAL OBG AC
116 ROBERT E. LEE DRIVE 64 67 73
WILMINGTON 28401
BARODA U 919 791-2301

SHAPIRO, DANIEL ALLEN AN AC
329 TRAILS END ROAD, #4 78 79 85
WILMINGTON 28403
U OF NC 919 343-7000

SHEARIN, WILBURN THADDEUS, JR. U AC
1905 GLEN MEADE ROAD 54 54 56
WILMINGTON 28403
BOWMAN GRAY 919 763-6251

SHUFORD, WILLIAM FERRELL, JR. GE AC
1515 DOCTOR'S CIRCLE 61 61 67
WILMINGTON 28401
U OF NC 919 763-5182

SINCLAIR, ROBEY THOMAS, JR. DR L/RT
5301 WRIGHTSVILLE AVENUE 38 38 40
WILMINGTON 28401
GEORGETOWN U 919 395-8100

SINGLETARY, HENRY PATE PTH AC
2131 S. 17TH ST. 53 56 60
WILMINGTON 28401
NORTHWESTERN U 919 343-7074

SLOAN, DAVID BRYAN, JR. OPH AC
1915 GLEN MEADE ROAD 63 63 70
WILMINGTON 28403
U OF PENN 919 763-3601

SLOAN, JAMES BOYKIN OPH AC
1915 GLEN MEADE ROAD 70 70 74
WILMINGTON 28401
U OF NC 919 763-3601

SMALLEY, ROBERT ROWAN GS AC
5305-F WRIGHTSVILLE AVENUE 54 54 73
WILMINGTON 28403
MCGILL U 919 799-5400

SMITH, CHARLES GORDON FP /EM L/RT
118 BEAGLE TRAIL 40 43 43
WILMINGTON 28403
U OF PENN 919 799-1873

SMITH, PHILIP PALMER OM /IM AC
P. O. BOX 2042 62 62 71
WILMINGTON 28402
U OF ILLINOIS 919 371-4080

SNYDER, JAMES WILLIAM CD /IM AC
1515 DOCTOR'S CIRCLE 69 69 74
WILMINGTON 28401
U OF NC 919 763-5182

SPIVEY, DAVID LEE AN AC
1800 EASTWOOD DR. #135 81 83 85
WILMINGTON 28403
U OF NC 919 762-4901

STEWART, GEORGE TERRY OBG AC
2215 CANTERWOOD DRIVE 71 71 75
WILMINGTON 28401
U OF NC 919 343-1031

TACKETT, AMOS DARRELL GS AC
1414 MEDICAL CENTER DRIVE 69 74 79
WILMINGTON 28401
VANDERBILT U 919 763-7363

TAMISIEA, J. RICHARD CD /IM AC
1202 MEDICAL CENTER DRIVE 64 64 73
WILMINGTON 28401
CREIGHTON U 919 341-3301

TAN, RICARDO MIJARES GS /ABS AC
2301 DELANEY AVENUE 58 67 67
WILMINGTON 28403
U OF SANTO TOMAS 919 763-0159

TAYLOR, BRITTON EDGAR OBG AC
2215 CANTERWOOD DRIVE 63 63 74
WILMINGTON 28401
MED COLL OF VA 919 343-1031

TAYLOR, WILLIAM IVEY, JR. GP RT
ROUTE #3, BOX 3680 41 41 46
BURGAW 28425
JEFFERSON 919 259-2301

TEMPLE, RUFUS HENRY, JR. OBG AC
2215 CANTERWOOD DR. 76 76 81
WILMINGTON 28401
U OF NC 919 763-8471

THOMAS, ALAN EFIRD IM AC
SOUTHEASTERN MEDICAL GROUP 74 74 77
637 S. KERR AVENUE
WILMINGTON 28401
MED COLL OF GA 919 799-1810

THOMAS, DAVID PRYSE ORS L/RT
ROUTE #3, BOX 303 38 56 56
WILMINGTON 28403
U OF PENN 919 791-0650

THOMPSON, GEORGE R. C. FP L/RT
129 OLDE POINT RD. 39 42 43
HAMPSTEAD 28443
MED U OF SC

NEW HANOVER-PENDER COMPONENT SOCIETY (Continued)

TIDLER, JAMES IM AC
1919 S. SIXTEENTH STREET 44 49 50
WILMINGTON 28401
MED COLL OF VA 919 763-8184

TINSLEY, ELLIS ALLAN, SR. GS /TS AC
1414 MEDICAL CENTER DRIVE 59 67 67
WILMINGTON 28401
VANDERBILT U 919 763-7363

UNSICKER, CARL LESTER ORS AC
5305-F WRIGHTSVILLE AVE. 67 68 76
WILMINGTON 28403
U OF IOWA 919 395-0684

VAN NYNATTEN, FRED H. IM /EM AC
7225 WRIGHTSVILLE AVE. 74 75 82
WILMINGTON 28403
U OF BRUXELLES 919 256-4555

VAN-VELSOR, HARRY D AC
1924 S. SIXTEENTH STREET 47 54 54
WILMINGTON 28401
ALBANY MED COLL 919 762-5207

VARNER, D. WAYNE PTH AC
346 HONEYCUTT DR. 76 78 84
WILMINGTON 28403
MED U OF SC 919 395-8177

VERNON, CHARLES ROBERTSON P AC
7230 WRIGHTSVILLE AVENUE 52 56 56
WILMINGTON 28403
CASE WESTERN RES 919 256-4106

WALKER, ELMER PIXLEY GYN L
20 FOREST HILLS DR. 36 36 41
WILMINGTON 28403
EMORY U 919 763-2946

WARD, MICHAEL MUNDY EM AC
3559 KIRBY SMITH DR. 77 79 82
WILMINGTON 28403
U OF NC 919 791-2059

WARNER, MARK FRANCIS CD /IM AC
1202 MEDICAL CENTER DR. 77 78 84
WILMINGTON 28401
U OF VIRGINIA 919 763-8251

WARSHAUER, SAMUEL EDWARD IM /CD L
1514 DOCTORS CIRCLE 36 36 46
WILMINGTON 28401
MED COLL OF VA 919 762-1813

WEINEL, WILLIAM HARVEY GYN AC
1809 GLEN MEADE ROAD 54 54 58
WILMINGTON 28403
U OF NC 919 763-9833

WEINSTEIN, ROBERT HARVEY P AC
2595 S. 17TH ST. 67 67 75
WILMINGTON 28401
U OF MISSOURI 919 799-2283

WEIS, WALTER FRANCIS, JR. ORS AC
5305 WRIGHTSVILLE AVE. BLDG. C 66 67 73
WILMINGTON 28403
JEFFERSON 919 799-9417

WELLS, EDWIN JULIUS PS AC
2209 DELANEY AVENUE 46 46 53
WILMINGTON 28403
U OF PENN 919 763-7617

WERK, EMILE EUGENE, JR. IM /END AC
2131 S. SEVENTEENTH STREET 46 46 73
WILMINGTON 28401
U OF CINCINNATI 919 343-0161

WILKINS, LUCIEN SANDERS GE AC
1202 MEDICAL CENTER DRIVE 67 67 73
WILMINGTON 28401
MED COLL OF VA 919 763-8251

WILKINSON, CHARLES ALBERT GS /TS AC
1501 MEDICAL CENTER DRIVE 56 56 64
WILMINGTON 28401
DUKE 919 763-6289

WILLIAMS, R. BERTRAM, JR. GS /TS AC
1414 MEDICAL CENTER DRIVE 43 49 51
WILMINGTON 28401
VANDERBILT U 919 763-7363

WILLIAMS, WILLIAM MARION, III PTH /CLP AC
2131 S 17TH STREET 78 79 83
WILMINGTON 28402
MED U OF SC 919 343-7074

WILSON, CLARENCE LAFAYETTE, II OBG AC
1809 GLEN MEADE ROAD 74 75 82
WILMINGTON 28403
U OF LOUISVILLE 919 763-9833

WILSON, JACK KENNEDY, JR. IM AC
637 S. KERR AVENUE 66 66 71
WILMINGTON 28401
U OF MISSISSIPPI 919 799-1810

WILSON, JACK KENNEDY, SR. GP RT
1908 HAWTHORNE ROAD 37 66 66
WILMINGTON 28403
U OF TENNESSEE 919 763-5536

WITHERS, SYDNOR TERRY, JR. IM /FP AC
5305 WRIGHTSVILLE AVE.BLDG.E 73 75 76
WILMINGTON 28403
MED COLL OF VA 919 791-5426

WITTSTEIN, PETER BRIAN OPH AC
1904 TRADD COURT 78 79 85
WILMINGTON 28401
U OF CONNECTICUT 919 762-0057

WOODWORTH, ALFRED HERMAN FP /EM AC
3930 SWEETBRIAR RD. 68 71 78
WILMINGTON 28403
ALBANY MED COLL 919 392-3216

WORTMAN, JAMES EDWARD ON /HEM AC
715 FOREST HILLS DRIVE 74 74 79
WILMINGTON 28403
NORTHWESTERN U 919 763-5182

YUE, BYONG HAK GS AC
1810 GLEN MEADE ROAD 59 71 73
WILMINGTON 28403
CHUN NAM U 919 762-1730

ZACK, PETER GEORGE PD AC
1914 GLEN MEADE ROAD 60 60 73
WILMINGTON 28403
U OF ARKANSAS 919 762-2651

66. NORTHAMPTON COMPONENT SOCIETY

OFFICERS—**President:** J. A. Fleetwood, Jr., M.D., Conway
Secretary: John H. Stanley, M.D., Woodland

OUTLAND, ROBERT BOONE GP L/RT
P. O. BOX 410 32 33 36
RICH SQUARE 27869
U OF PENN 919 539-2755

STEPHENSON, BENNETTE EDWARD GP L/RT
P. O. BOX 348 35 35 37
RICH SQUARE 27869
MED COLL OF VA 919 539-2343

67. ONSLOW COMPONENT SOCIETY

OFFICERS—**President:** Henry W. Gerock, M.D., Jacksonville (919 353-7600)
Secretary: Charles L. Garrett, M.D., Jacksonville (919 353-3498)

BALLENGER, CLARENCE EUGENE,III N AC
227 MEMORIAL DRIVE. 78 79 82
JACKSONVILLE 28540
MED U OF SC 919 353-3625

BARNES, MAJOR RUSSELL, JR. OBG /FP AC
200 MEMORIAL DR. 48 49 55
JACKSONVILLE 28540
BOWMAN GRAY 919 353-0759

BATCHELLER, EDGAR H., JR. GS /TS AC
P. O. BOX 1000 64 64 71
JACKSONVILLE 28540
U OF VIRGINIA 919 353-2194

BIANCHI, EDGARDO HUGO CD /IM AC
1703 COUNTRY CLUB RD. STE. 202 69 68 80
JACKSONVILLE 28540
U OF ROSARIO 919 455-9600

BUFFONG, ERIC ARNOLD OBG /END AC
1703 COUNTRY CLUB RD.,STE.203 77 79 85
JACKSONVILLE 28540
HOWARD U 919 346-2182

CHUNG, HONG-YILL GP AC
407 CARMEN AVENUE 69 69 79
JACKSONVILLE 28540
KOREA U 919 353-2800

COBB, GREGORY WAYNE OPH AC
264 MEMORIAL DRIVE 73 77 81
JACKSONVILLE 28540
VANDERBILT U 919 353-1030

COLLIGAN, JOSEPH FRANCIS P /CHP AC
192 VILLAGE DRIVE 58 59 84
JACKSONVILLE 28540
LOYOLA U 919 353-4165

CRIST, TAKEY OBG AC
200 MEMORIAL DRIVE 65 65 71
JACKSONVILLE 28540
U OF NC 919 353-2115

CUTHRELL, WILLIAM VANCE OBG AC
U.S. NAVAL HOSP., DEPT. OF OBG 81 85 78
CAMP LEJEUNE 28542
U OF NC 919 451-4574

DE-VARONA, JOSE MIGUEL FP /P AC
215 MEMORIAL DRIVE 51 51 75
JACKSONVILLE 28540
U OF HABANA 919 353-5118

DEYTON, JOHN WESLEY, JR. OBG AC
124 MEMORIAL DRIVE 56 56 78
JACKSONVILLE 28540
U OF NC 919 353-7741

DILL, FRANKLIN GEORGE OBG AC
124 MEMORIAL DRIVE 63 67 68
JACKSONVILLE 28540
CORNELL U 919 353-7741

EDWARDS, TIMOTHY FREEMAN OBG AC
411-A WESTERN BLVD. 78 78 83
JACKSONVILLE 28540
BOWMAN GRAY 919 346-2229

FOX, RAYMOND MORRIS, JR. GYN /GP AC
P. O. BOX 910 64 65 74
JACKSONVILLE 28541
VANDERBILT U 919 347-2133

GABLE, WALTER DELAY PTH /FOP AC
ONSLOW MEMORIAL HOSPITAL 54 54 74
JACKSONVILLE 28540
U OF MARYLAND 919 353-7803

GALLAGHER, EDGAR GIVENS, JR. GS /TS AC
1013 SCHALL PLACE 65 65 76
JACKSONVILLE 28540
U OF NC 919 353-7848

GARRETT, CHARLES L., JR. PTH /FOP AC
ONSLOW MEMORIAL HOSPITAL 66 66 76
JACKSONVILLE 28540
MED U OF SC 919 353-3498

ONSLOW COMPONENT SOCIETY (Continued)

GEROCK, HENRY FP AC
200 DOCTOR'S DRIVE, SUITE M 63 63 69
JACKSONVILLE 28540
U OF NC 919 353-7600

GREGORY, HUGH STANLEY OTO AC
NORTHWOODS PROF. PLAZA 64 64 73
JACKSONVILLE 28540
U OF NC 919 455-4847

GROSS, JEFFREY LOUIS ORS AC
128 MEMORIAL DRIVE 72 72 80
JACKSONVILLE 28540
OHIO STATE U 919 353-4500

HAMMOCK, RONALD MACK U AC
200 DOCTOR'S DR. SUITE C 77 79 83
JACKSONVILLE 28540
U OF MICHIGAN 919 353-9994

HARRIS, MICHAEL ALAN P AC
MOQ 2314 62 62 84
CAMP LEJEUNE 28542
U OF TENNESSEE 919 451-2081

HAYE, HENRY SOLOMON OBG AC
PO BOX 1229 79 80 86
JACKSONVILLE 28541
U OF WEST INDIES 919 346-2182

HEATH, HUNTER IM /AI AC
200 DOCTOR'S DRIVE, SUITE I 43 47 48
JACKSONVILLE 28540
MCGILL U 919 353-6327

HUDSON, SARAH TILTON WILLCOX PD AC
12 OFFICE PARK DR. 82 85 85
JACKSONVILLE 28540
U OF NC 919 353-6262

ISSA, MAHMOUD A. GE /IM AC
224 MEMORIAL DR. STE. A 71 71 80
JACKSONVILLE 28540
DAMASCUS U 919 577-1444

KAPLAN, JEFFREY MARK R AC
ONSLOW MEMORIAL HOSPITAL 70 71 84
P. O. BOX 1358
JACKSONVILLE 28541
NEW YORK MED COL 919 577-2345

KITCHEN, THOMAS WARD, JR. FP AC
510 COLLEGE STREET 59 59 60
JACKSONVILLE 28540
BOWMAN GRAY 919 347-1788

KREDEL, ERNST KARL WILHELM OM /PH AC
U.S. NAVAL HOSPITAL 49 62 85
BOX 8, MCB
CAMP LEJEUNE 28542
LANDES U.MUNSTER 919 451-2181

MARTIN, CHARLES R. PD AC
120 MEMORIAL DRIVE 63 63 69
JACKSONVILLE 28540
DUKE 919 353-0581

MAYER, CAREY CHARLES P AC
445 WESTERN BLVD., STE. A 77 79 85
JACKSONVILLE 28540
TEMPLE U 919 347-1920

MEASE, WILLIS EUGENE FP AC
209 S. CHURCH ST. 45 48 48
RICHLANDS 28574
U OF NEBRASKA 919 324-3105

MOORE, THOMAS PHILLIP R AC
ONSLOW MEMORIAL HOSPITAL 55 55 64
JACKSONVILLE 28540
U OF NC 919 577-2274

MUTHER, ELLIS FRANK N /P AC
721 PROFESSIONAL DR. 60 60 70
NEW BERN 28560
TULANE U 919 633-3744

O'NEIL, H. WILLIAM OBG AC
200 MEMORIAL DR. 58 85 86
JACKSONVILLE 28540
DALHOUSIE U 919 353-2115

OLSEN, KENNETH GEORGE AN AC
137 COKE PLACE 67 67 74
JACKSONVILLE 28540
U OF COLORADO 919 455-0188

OMAN, TIMOTHY ROY FP AC
267 KINGS LANDING RD. 81 82 85
HAMPSTEAD 28443
U OF VIRGINIA 919 329-7591

PATLAK, ERWIN M. P /EM AC
192 VILLAGE DR. 52 53 85
JACKSONVILLE 28540
U OF ILLINOIS 919 577-1400

PIVER, JAMES DECAMP GS /ABS AC
200 DOCTOR'S DRIVE, SUITE L 43 44 51
JACKSONVILLE 28540
U OF PENN 919 353-7848

REICHLING, GEORGE HENRY D AC
224 MEMORIAL DR. 57 58 85
JACKSONVILLE 28540
JEFFERSON 919 577-7288

REICHLING, PIRKKO ESTERI GP AC
300 WESTERN BLVD. 70 80 85
JACKSONVILLE 28540
U OF OULU 919 353-0176

ROGERS, NOEL BRUCE ORS AC
128 MEMORIAL DRIVE 67 69 74
JACKSONVILLE 28540
GEORGETOWN U 919 353-4500

RUBIN, RICHARD BENNETT P AC
824 GUM BRANDH RD. STE. O 66 68 85
JACKSONVILLE 28540
U OF ALABAMA 919 346-5504

SMITH, RICHARD GRANT OTO AC
1400 E. SECOND ST. 75 76 84
DEFIANCE, OH 43512
HAHNEMANN 419 784-1414

STREETER, GREGORY DEAN FP /DIA AC
200 DOCTOR'S DR. SUITE H 80 80 80
JACKSONVILLE 28540
U OF NC 919 353-0565

TAJ-ELDIN, ADNAN IM /A AC
200 DOCTOR'S DR. STE. I 72 75 78
JACKSONVILLE 28540
DAMASCUS U 919 353-6327

TSE, ALEX YU CHOW PD /A AC
120 MEMORIAL DRIVE 71 74 75
JACKSONVILLE 28540
U OF HONG KONG 919 353-0581

TSE, ANDRE KON SANG CD /IM AC
144 MEMORIAL COURT 71 74 77
JACKSONVILLE 28540
U OF HONG KONG 919 353-5111

TURLINGTON, WADE ROBERT FP AC
200 DOCTOR'S DRIVE, SUITE M 69 69 73
JACKSONVILLE 28540
U OF NC 919 353-8100

VENTERS, WAYNE BURNETTE ORS AC
200 DOCTOR'S DRIVE, SUITE J 64 64 73
JACKSONVILLE 28540
U OF NC 919 353-1412

VERELL, KAREN LEA PD /ADL AC
12 OFFICE PARK DR. 78 78 84
JACKSONVILLE 28540
U OF MISSISSIPPI 919 353-6262

WHITEHURST, WALTER C., JR. R AC
201 DEBORAH DRIVE 68 68 75
JACKSONVILLE 28540
U OF NC 919 577-2274

WILFONG, ROBERT FARRINGTON NS AC
2713 NEUSE BLVD. 67 67 76
NEW BERN 28560
DUKE 919 633-6070

WILLIAMS, PAUL FRANKLIN OBG AC
200 MEMORIAL DRIVE 65 66 74
JACKSONVILLE 28540
U OF LOUISVILLE 919 353-2115

WILSHIRE, LARRY BRENT OPH AC
825 GUM BRANCH RD., STE. 133 74 79 84
JACKSONVILLE 28540
WEST VA U 919 346-2444

WOLANSKI, TERRENCE PHILIP PUD /IM AC
118 MEMORIAL DRIVE 76 76 83
JACKSONVILLE 28540
U OF VIRGINIA 919 353-1811

70. PASQUOTANK-CAMDEN-CURRITUCK-DARE COMPONENT SOCIETY

OFFICERS—**President:** John C. Graham, M.D., Elizabeth City (919 335-2652)
Secretary: Karl Brandspigel, M.D., Elizabeth City (919 335-1083)

BAILEY, CLAUDE FLETCHER OBG AC
1142 N. ROAD STREET 45 45 48
ELIZABETH CITY 27909
U OF MARYLAND 919 338-3914

BARBER, ALFRED JOSEPH IM /HEM AC
1134 N. ROAD STREET 76 77 77
ELIZABETH CITY 27909
GEORGETOWN U 919 338-5183

BEALS, MARTIN FEARING, JR. PD AC
78 MEADS STREET 76 76 82
ELIZABETH CITY 27909
U OF NC 919 338-2155

BOUNOUS, JUDITH FRANCES EM /PD AC
2082 RIVERSHORE ROAD 70 70 84
ELIZABETH CITY 27909
BOWMAN GRAY 919 335-1003

BRANDSPIGEL, KARL NEP /IM AC
104 W. COLONIAL AVE. 75 78 82
ELIZABETH CITY 27909
U OF CALIFORNIA 919 335-1083

BURROUGHS, FRANKLIN DANFORD FP AC
P. O. BOX 248 63 63 67
HATTERAS 27943
U OF NC 919 986-2388

CLARK, CATHERINE LEAH FP AC
228 SEA OATS TRAIL 77 78 83
KITTY HAWK 27949
M C OF WISCONSIN 919 261-3848

COOK, JOHN EDMUND AN AC
P.O. BOX 96 78 78 83
CAMDEN 27921
M C OF WISCONSIN 919 338-1542

CRUTCHFIELD, WILLIAM M. OTO /PS AC
1134 N. ROAD STREET 66 66 73
ELIZABETH CITY 27909
U OF NC 919 335-2923

CRUTCHLEY, WILLIAM F., JR. GS AC
1134 N. ROAD STREET 59 66 67
ELIZABETH CITY 27909
MED COLL OF VA 919 338-3909

EADIE, EDWARD B., JR. U AC
1134 N. ROAD STREET 67 67 74
ELIZABETH CITY 27909
U OF VIRGINIA 919 338-4141

FOX, EARL RUSSELL RHU /IM AC
1830 DELAWARE AVE. 53 54 80
CAPE MAY, NJ 08204
MED COLL OF VA 609 884-6391

GILBERT, MICHAEL T. OPH AC
1134 N. ROAD STREET 67 68 73
ELIZABETH CITY 27909
NEW YORK MED COL 919 338-0148

GRAHAM, JOHN CALHOUN, JR. DR /NM AC
106 S. WATER ST. 61 61 70
PO BOX 250
ELIZABETH CITY 27909
U OF NC 919 335-2652

HAND, LEROY CORBETT, JR. FP /EM AC
ROUTE #1, BOX 490 50 50 51
CAMDEN 27921
BOWMAN GRAY 919 335-0531

HARRELL, WILLIAM FLETCHER, JR. PD AC
1142 N. ROAD ST. 43 47 47
ELIZABETH CITY 27909
U OF VIRGINIA 919 338-2155

HOGGARD, WILLIAM A., JR. FP /GYN AC
PO BOX 726 44 44 47
110 S. POOL ST.
ELIZABETH CITY 27909
BOWMAN GRAY 919 335-0867

PASQUOTANK-CAMDEN-CURRITUCK-DARE COMPONENT SOCIETY (Continued)

HOLTON, WALTER LEGGETT FP AC
NORTH MAIN HIGHWAY 73 74 75
PO BOX 1045
MANTEO 27954
DUKE 919 473-3478

HUNSBERGER, KURT LEE IM AC
1142 N. ROAD STREET 69 69 78
ELIZABETH CITY 27909
NORTHWESTERN U 919 338-4117

JENKINS, SAMUEL GATLIN, JR. GS AC
1142 N. ROAD STREET 55 55 63
ELIZABETH CITY 27909
U OF NC 919 335-4890

KIZEN, PAUL ANDREW OBG AC
1142 N. ROAD STREET 77 78 84
ELIZABETH CITY 27909
U OF WISCONSIN 919 335-2061

MCDANIEL, EUGENE MARVIN, JR. OBG AC
1142 N. ROAD STREET 62 62 82
ELIZABETH CITY 27909
MED COLL OF VA 919 338-0101

MONCLA, ALFRED MARIE OBG AC
1134 N. ROAD STREET 64 64 72
ELIZABETH CITY 27909
LA STATE U 919 338-2151

OWENS, ZACK DOXEY GS /GYN L/RT
P. O. BOX 422 30 30 40
ELIZABETH CITY 27909
U OF MARYLAND 919 335-4492

PETERS, WILLIAM ANTHONY,JR. GYN AC
P. O. BOX 392 43 44 44
ELIZABETH CITY 27909
DUKE 919 335-2355

PICKREL, JERRY CLINE PTH AC
P. O. DRAWER 403 58 59 63
ELIZABETH CITY 27909
TULANE U 919 335-2258

POSTON, ROBERT LEWIS FP AC
1142 N. ROAD STREET 57 57 62
ELIZABETH CITY 27909
DUKE 919 338-4117

POWELL, ROBERT NARROWAY IM AC
1142 N. ROAD STREET 70 70 75
ELIZABETH CITY 27909
BOWMAN GRAY 919 338-4117

REDDING, MARSHALL SIMMS OPH AC
1142 N. ROAD ST. 66 66 72
PO BOX 1402
ELIZABETH CITY 27909
DUKE 919 335-5446

ROBERTSON, JOSEPH LETCHER,JR. PTH AC
NORTH ROAD ST. 75 75 80
ELIZABETH CITY 27909
BAYLOR 919 335-2258

ROMM, WILLIAM HENRY FP AC
P. O. BOX 400 50 51 52
MOYOCK 27958
U OF VIRGINIA 919 435-6621

RUSSELL, WILLIAM MICHAEL R /NM AC
P. O. BOX 250 69 70 80
ELIZABETH CITY 27909
NAT U OF IRELAND 919 335-0531

SLEDGE, JOHN BURTON, JR. PH AC
P. O. BOX 610 55 55 59
KILL DEVIL HILLS 27948
DUKE 919 441-6182

SOUTHWORTH, ALVIN JUDSON OBG AC
1134 N. ROAD STREET 57 57 82
ELIZABETH CITY 27909
MED COLL OF VA 919 338-0887

SPAETH, WALTER IM L/RT
1904 RIVERSHORE ROAD 43 47 50
ELIZABETH CITY 27909
DUKE 919 335-7389

STELLA, JOHN PHILIP R AC
1507 RIVERSHORE RD. 76 77 86
ELIZABETH CITY 27909
NEW YORK MED COL 919 335-2652

TAYLOR, DAVID HOWARTH IM AC
1142 N. ROAD ST. 81 81 85
ELIZABETH CITY 27909
U OF ARKANSAS 919 338-4101

THOMAS, WILLIAM RALPH GP AC
RT. #3, BOX 476 49 53 53
ELIZABETH CITY 27909
CASE WESTERN RES 919 338-2480

TOLSON, ROGER JOHN IM AC
1134 N. ROAD STREET 57 74 75
ELIZABETH CITY 27909
U OF LONDON 919 335-2963

WATSON, JAMES MORRIS ORS AC
1134 N. ROAD STREET 67 68 74
ELIZABETH CITY 27909
U OF MICHIGAN 919 338-3993

WILLIAMS, LEONIDAS POLK, JR. GS AC
BOX 172 57 57 62
CAMDEN 27921
BOWMAN GRAY 919 335-1563

WILLIAMS, RUSSELL WARREN FP AC
PO BOX 911 75 78 83
KITTY HAWK 27949
DARTMOUTH U 919 261-3848

WITWER, TIMOTHY SLAYTON IM /FP AC
1207 N. ROAD ST. 71 71 82
ELIZABETH CITY 27909
BOSTON U 919 335-4351

WRIGHT, CHARLES NEWBOLD FP AC
P. O. BOX 218 41 41 46
JARVISBURG 27947
TEMPLE U 919 491-2446

73. PERSON COMPONENT SOCIETY

OFFICERS—**President:** George W. Gentry, M.D., Roxboro (919 599-1131)
Secretary: Andrew T. Melero, M.D., Roxboro (919 599-2953)

BRADSHER, JAMES DONALD GP AC
P. O. BOX 168 45 45 50
ROXBORO 27573
BOWMAN GRAY 919 599-2200

ESTOYE, CESAR ROMERO GS /GP AC
601 RIDGE ROAD 63 71 76
ROXBORO 27573
U OF PHILIPPINES 919 599-0202

ESTOYE, TERESITA FERRER OBG /NPM AC
601 RIDGE ROAD 63 71 76
ROXBORO 27573
U OF PHILIPPINES 919 599-0202

FITZGERALD, ROBERT GREESON GP AC
P. O. BOX 856 47 47 50
ROXBORO 27573
U OF MARYLAND 919 599-1131

GATLING, H. BEE PH AC
ROUTE #1, BOX 28 60 60 64
MILTON 27305
BOWMAN GRAY 919 234-8656

LONG, THOMAS DRUMWRIGHT IM AC
P. O. BOX 797 52 52 56
ROXBORO 27573
BOWMAN GRAY 919 599-3212

MELERO, ANDRES TARCISIO GS /TS AC
P. O. BOX 28 51 54 59
ROXBORO 27573
DUKE 919 599-2953

WINSLOW, JAMES ELBERT FP AC
609 PROFESSIONAL DR. 70 70 76
ROXBORO 27573
U OF NC 919 599-9258

74. PITT COMPONENT SOCIETY

OFFICERS—**President:** Charles F. Willson, M.D., Greenville (919 752-7141)
Secretary: Judith S. Yongue, M.D., Greenville
Executive Director: Dianne H. Pickett, P.O. Box 2216, 9 Doctor's Park, Greenville 27834 (919 758-8833)

ADAMS, HARRY GLENN IM /ID AC
DEPT. OF MEDICINE 68 68 84
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
BAYLOR 919 757-2550

ALLIGOOD, GILBERT RAY, JR. IM /PD S
1110 ARLINGTON BLVD. 86 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-8423

ALLISON, E. JACKSON, JR. EM AC
ECU, DEPT. OF EMERGENCY MED. 75 75 73
GREENVILLE 27834
U OF NC 919 757-4757

ALSENTZER, ULRICH KARL PM AC
REGIONAL REHABILITATION CTR. 78 78 85
P. O. BOX 6028
GREENVILLE 27834
U OF TUEBINGEN 919 757-4440

AMES, DAVID ANTHONY P AC
313 LONGMEADOW ROAD 68 69 84
GREENVILLE 27834
MCGILL U 919 752-7151

ANDERSEN, SUSAN HOLLAR S
110 N. HARPER ST. 86 00 83
SNOW HILL 28580
EAST CAROLINA U 919 747-8189

ARTIS, ISAAC AMOS, JR. IM AC
114 ROANOKE PLACE 72 74 82
P. O. BOX 7304
GREENVILLE 27834
MEHARRY MED COLL 919 756-6986

ATHEY, GEORGE RICHARD IM S
3004 BRIARCLIFF DRIVE 87 00 83
GREENVILLE 27834
EAST CAROLINA U 919 756-8793

ATKINSON, SAMUEL MARVIN, JR. OBG AC
1401 E. FIFTH ST. 61 61 85
GREENVILLE 27834
DUKE 919 757-4669

AUSTIN, ERLE HARRIS, III CDS /TS AC
DIV. OF CARDIAC SURGERY 74 74 86
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
HARVARD 919 757-4822

AVERY, ELEANOR ELIZABETH S
RT. #2, BOX 305 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-0569

BAKERMAN, SEYMOUR PTH AC
2902 MEMORIAL DRIVE 59 59 77
GREENVILLE 27834
CASE WESTERN RES 919 757-6458

PITT COMPONENT SOCIETY (Continued)

BAREFOOT, JENNIFER ANNE COATS S
11A-640 ZORN AVE. 88 00 85
LOUISVILLE, KY 40206
EAST CAROLINA U 919 758-4466

BAREFOOT, KAREN DIANE S
1903 TIFFANY DR. 86 00 83
GREENVILLE 27834
EAST CAROLINA U

BAREFOOT, THOMAS KIRBY S
2240 RICHMOND LANE 86 00 83
PELHAM, AL 35124
EAST CAROLINA U 919 752-0447

BARNES, VICTOR RUSSELL S
111 N. MEADE ST. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-1547

BARTLETT, EDWIN CLARY ORS AC
#6 MEDICAL PAVILION 78 79 84
GREENVILLE 27834
U OF NC 919 752-4613

BARTLETT, STEPHEN RUSSELL GS L/RT
208 N. LONGMEADOW ROAD 43 50 50
GREENVILLE 27834
DUKE 919 752-3218

BATTS, MARK BURREL S
RT. #8, BOX 269 88 00 86
GREENVILLE 27834
EAST CAROLINA U 919 752-3648

BEANE, SCOTT DOUGLAS S
3000 GOLDEN RD., APT. #7 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-5617

BEEKER, THADDEUS ARLEN S
APT. 16-F, COURTNEY SQUARE 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 737-8170

BENSON, NICHOLAS HEROD EM AC
1309 FANTASIA STREET 80 81 84
GREENVILLE 27834
U OF SOU. DAKOTA 919 757-4757

BENTZEL, CARL JOHAN IM /NEP AC
ECU DEPT. OF RENAL MED. 58 58 85
GREENVILLE 27834
U OF ALABAMA 919 757-2545

BERGER, BRUCE R. CHP /P AC
ECU, DEPT. OF PSY, BRODY BLDG. 77 78 84
GREENVILLE 27834
U OF MINN 919 757-2660

BERRETTA, JEANNE SMITH FP AC
PO BOX 1846 79 80 86
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
U OF ALABAMA 919 757-4611

BEST, ANDREW ARTHUR FP AC
P. O. BOX 949 51 53 65
GREENVILLE 27834
MEHARRY MED COLL 919 752-2129

BINION, MARK LEE S
106 SCALES PL., APT. A-7 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-9438

BORCHERT, LYNN GORDON GYN AC
1705 W. SIXTH ST. BLDG B 68 69 80
GREENVILLE 27834
U OF MICHIGAN 919 752-0973

BOSLEY, PATIENCE ELIZABETH S
213-B STANCILL DR. 86 00 83
GREENVILLE 27834
EAST CAROLINA U 919 758-3590

BOST, WILLIAM STUART, JR. OTO AC
8 DOCTOR'S PARK 62 62 70
PO BOX 5007
GREENVILLE 27834
U OF NC 919 752-5227

BOTWRIGHT, GENE ROBERT, JR. S
R-10 DOCTOR'S PARK APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 830-1710

BOWMAN, CHRIS RICHARDS S
ROUTE #5, BOX 546-B 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-6437

BOWMAN, JAMES FREDERICK ORS AC
117 MEDICAL DRIVE 61 66 67
GREENVILLE 27834
TEMPLE U 919 758-1777

BOWYER, ALLEN FRANK CD AC
ECU SCHOOL OF MEDICINE 59 60 78
GREENVILLE 27834
LOMA LINDA U 919 757-4651

BOYETTE, DEANNA MARIE S
DOCTORS PK, APT. R-3 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-5864

BRAME, ROBERT GRIFFIN OBG AC
DOCTOR'S PARK APTS. B-1 55 55 62
GREENVILLE 27834
U OF NC 919 755-8535

BRAMLEY, MICHAEL LAIRD PD AC
1800 W. FIFTH STREET 73 75 77
GREENVILLE 27834
YALE 919 752-7141

BREMER, CHARLES CHRISTOPHER FP AC
317 PINEWOOD ROAD 64 64 68
GREENVILLE 27834
DUKE 919 756-7974

BRIGHT, DON CLARK AN AC
1705 W. SIXTH STREET 71 71 74
GREENVILLE 27834
U OF NC 919 752-2140

BRINKMAN, LINDA EVES S
10 PALMETTO PLACE 87 00 85
GREENVILLE 27834
EAST CAROLINA U 919 355-6121

BROWN, DONALD CLAUDE FP /GER AC
316 RUTLEDGE ROAD 74 74 85
GREENVILLE 27834
U OF NC 919 758-1418

BROWN, MICHAEL ASHLEY S
114 FLETCHER PLACE 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-3315

BURCHETTE, BRUCE WILSON S
G-6 DOCTOR'S PARK APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-6981

BURKART, THOMAS ELMA NEP AC
6 DOCTOR'S PARK 73 74 79
GREENVILLE 27834
MED U OF SC 919 752-8880

BURNETT, ANTHONY THOMAS S
RT. #4, BOX 62 86 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-4292

BYRUM, GRAHAM VANCE, JR. IM /NEP AC
6 DOCTORS PARK 80 81 79
GREENVILLE 27834
BOWMAN GRAY 919 752-8880

CAMNITZ, PAUL SAMUEL OTO AC
BOX 5007 74 74 79
GREENVILLE 27834
U OF NC 919 752-5227

CAMPBELL, DIANE JANE OBG AC
608 E. 10TH ST. 77 78 86
PO BOX 1276
GREENVILLE 27835
MEHARRY MED COLL 919 830-1035

CAMPBELL, PETER BRUCE ID /IM AC
ECU SCH. OF MEDICINE 68 71 80
GREENVILLE 27834
U OF WASHINGTON 919 757-2550

CARO, JOSE FRANCISCO END /IM AC
ECU, DEPT. OF MEDICINE 73 73 83
GREENVILLE 27834
U OF URUGUAY 919 757-2571

CARSON, JACK OLIVER FP AC
P. O. BOX 549 52 52 54
GRIFTON 28530
U OF MARYLAND 919 524-4463

CARTER, JAMES WALTER TS /GS AC
10 DOCTOR'S PK,
STANTONSBURG RD 64 64 72
GREENVILLE 27834
JOHNS HOPKINS 919 758-1747

CAVENDER, CARY PAUL S
202-B SHILOH DR. 87 00 84
GREENVILLE 27834
EAST CAROLINA U 919 355-7327

CHAMBERLAIN, JACK KENNETH HEM /IM AC
ECU, SCHOOL OF MEDICINE 54 55 80
GREENVILLE 27834
U OF ILLINOIS 919 757-2560

CHAPLINSKI, THOMAS JOSEPH ON /HEM AC
ECU BRODY BLDG. 77 78 84
3-E 106 DEPT. OF IM
GREENVILLE 27834
U OF CHICAGO 919 752-6101

CHAPMAN, LYNNE WAGONER S
106 BERKSHIRE ROAD 86 00 86
GREENVILLE 27834
EAST CAROLINA U 919 756-5966

CHITWOOD, WALTER R., JR. CDS /TS AC
106 JAMESTOWN ROAD 74 83 84
GREENVILLE 27834
U OF VIRGINIA 919 757-4822

CLARKE, DONALD KEITH S
1085 CHEYENNE CT., APT. #13 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 689-2120

CLEMENT, JAMES EDWIN OBG AC
101 BETHESDA DRIVE 54 55 62
GREENVILLE 27834
DUKE 919 758-4181

CLINE, KATHLEEN ANN EM AC
1211 RED BANKS RD. 82 83 85
GREENVILLE 27834
WAYNE STATE U 919 757-4757

COLEMAN, NANCY LOU S
102-B CEDAR COURT 89 00 86
GREENVILLE 27834
EAST CAROLINA U 919 752-2636

CONTOGIANNIS, MARY ANN S
26-C COURTNEY SQUARE 87 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-6143

COOK, BRIAN S
APT. U-3, DOCTORS PARK APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-3689

COX, MICHAEL ALLEN AN AC
PHYSICIAN'S QUAD., BLDG.F 81 82 85
GREENVILLE 27834
U OF MASS 919 752-2140

CRAWLEY, GEORGE EDWARD, III S
1106 W. ROCK SPRING RD. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 830-0748

CRISP, SELLERS LUTHER ORS AC
6 MEDICAL PAVILION 60 60 68
GREENVILLE 27834
U OF NC 919 752-4613

CROSKERY, RICHARD WILLIAM IM AC
1705 W. 6TH ST., BLDG. E 81 83 84
GREENVILLE 27834
OHIO STATE U 919 752-6101

CROUNSE, ROBERT GRIFFITH D AC
RT. #2, BOX 263-T 55 61 83
BLOUNTS CREEK 27814
YALE 919 757-4629

CUNNINGHAM, PAUL R. GOLDWYN GS AC
ECU, BRODY BLDG., ROOM 4S-10 72 72 83
GREENVILLE 27834
U OF WEST INDIES 919 757-2620

DABBS, DAVID JOSEPH PTH AC
BRODY 1F79, ECU SCH. OF MED. 80 80 84
GREENVILLE 27834
MED COLL OF OHIO 919 757-4495

DAGENHART, TIMOTHY LEE S
322 SPRINGHILL RD. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 830-1242

DANOFF, JASCHA WOLSEY CHP /P AC
ECU, DEPT. OF PSYCHIATRY 55 56 82
GREENVILLE 27834
U OF TORONTO 919 757-2660

DAUGHERTY, JANICE ELAINE FP AC
P. O. BOX 339 78 81 82
BETHEL 27812
BOWMAN GRAY 919 757-4614

PITT COMPONENT SOCIETY (Continued)

DAVIDSON, LARRY STEVEN S
1183 MULBERRY LN, APT. 30-G 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-7202

DAVIS, GEORGE EDWARD PD AC
8 MEDICAL PAVILION 70 71 79
GREENVILLE 27834
U OF TENNESSEE 919 758-1750

DAWKINS, HOWARD G., JR. PS /GS AC
2577 STANTONSBURG ROAD 68 68 75
GREENVILLE 27834
BOWMAN GRAY 919 752-1406

DEBOGORSKI, JOZEFA PM AC
PO BOX 6028 75 82 86
GREENVILLE 27834
KRAKOW-POLAND 919 757-4440

DELLASEGA, MARK GE AC
1705 W. SIXTH ST. 75 76 83
GREENVILLE 27834
U OF KANSAS 919 752-6101

DEYTON, ROBERT GUY, JR. OBG AC
101 BETHESDA DRIVE 55 55 64
GREENVILLE 27834
DUKE 919 758-4181

DIAMOND, JOHN MICHAEL P /CHP AC
ECU, DEPT. OF PSYCHIATRY 79 80 84
GREENVILLE 27834
HOWARD U 919 757-2673

DIECKMANN, MERWIN R. FP AC
P. O. BOX 1846 54 55 83
GREENVILLE 27834
U OF IOWA 919 756-4611

DIXON, JOHN ELLIOTT FP AC
P. O. BOX 427 58 58 64
AYDEN 28513
DUKE 919 746-3116

DOGGETT, VALERIE GRACE S
I-11 DOCTORS PARK APTS. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-0581

DOUGLAS, EDGAR SMITH, JR. OBG AC
101 BETHESDA DRIVE 61 64 68
GREENVILLE 27834
MED COLL OF VA 919 758-4181

DRIVER, ALBERT GARDNER, JR. PUD /IM AC
ECU, DEPT. OF MEDICINE 78 80 84
GREENVILLE 27834
PENN STATE U 919 757-4653

DUCKETT, CHARLES HOWARD FP AC
ECU SCHOOL OF MEDICINE 57 57 58
GREENVILLE 27834
BOWMAN GRAY 919 757-4614

DUKES, ROBERT RAYMOND S
203-B LINDBETH DR. 89 00 86
GREENVILLE 27834
EAST CAROLINA U 919 756-9928

EDWARDS, WILSON BARTON, JR. S
111 N. MEADE STREET 88 00 84
GREENVILLE 27834
EAST CAROLINA U 919 758-1547

EHINGER, ROBERT FREDERICK PH /PD AC
498 ELEANOR STREET 47 48 79
GREENVILLE 27834
U OF ROCHESTER 919 752-4141

ENGELKE, STEPHEN CARL PD /NPM AC
220 PINEVIEW DRIVE 74 79 82
GREENVILLE 27834
JOHNS HOPKINS 919 757-4665

EVANS, AMOS RAY P AC
1705 W. SIXTH STREET, BLDG. H 62 62 66
GREENVILLE 27834
U OF NC 919 758-4810

FAGUNDUS, DUNCAN MCLEOD S
410-B STUDENT ST. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-3014

FEARRINGTON, ERIC CD /IM AC
2 MEDICAL PAVILION 57 57 64
GREENVILLE 27834
U OF NC 919 752-3185

FERGUSON, ALFRED LEA NEP /IM AC
6 DOCTOR'S PARK 61 61 70
GREENVILLE 27834
U OF TENNESSEE 919 752-8880

FINLEY, JAMES LEO PTH AC
BRODY 1F79, ECU SCH. OF MED. 78 83 84
GREENVILLE 27834
MED COLL OF PENN 919 757-4495

FLEMING, DUARD FRANCIS, JR. N AC
425 STANTONSBURG ROAD 72 73 79
GREENVILLE 27834
BOWMAN GRAY 919 752-4848

FLICKINGER, EDWARD GARNER GS AC
305 GRANVILLE DRIVE 73 75 82
GREENVILLE 27834
DUKE 919 757-4629

FORE, WILLIAM WHATELY END /IM AC
ECU SCHOOL OF MEDICINE 60 60 67
GREENVILLE 27834
DUKE 919 757-2571

FOREMAN, SUSAN DOWNER PD AC
505 BREMERTON DR. 78 78 86
GREENVILLE 27834
U OF NC 919 752-7141

FOSTER, SHARON KAY S
M-4 DOCTOR'S PARK APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-8552

FOWLER, WILLIAM EDWARD S
106 SCALES PL., B-1 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-2908

FRANKLIN, ROBERT CHARLES FP AC
500 CEDARHURST 80 81 86
GREENVILLE 27834
BOWMAN GRAY 919 752-7133

FRASER, DAVID DONALD IM /PD S
703 E. FIFTH ST., #4 86 00 83
GREENVILLE 27834
EAST CAROLINA U 919 758-8119

FREEDMAN, MICHAEL VY S
110 FARMHOUSE PLACE 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-0396

FREEL, PAUL DUANE S
404 HILLCREST DRIVE 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 355-7807

FURTH, EUGENE DAVID IM /END AC
ECU, DEPT. OF MEDICINE 54 57 77
GREENVILLE 27834
CORNELL U 919 757-2570

GALLOWAY, JAMES MADISON, JR. FP AC
P. O. BOX 415 74 74 78
AYDEN 28513
BOWMAN GRAY 919 746-3116

GAMBLE, ELIZABETH RHODES IM /GER AC
401 GREENWOOD DRIVE 77 80 83
GREENVILLE 27834
U OF NC 919 756-7901

GARLAND, RUSSELL TYSON S
1914 WHITE HOLLOW DR. 86 00 83
GREENVILLE 27834
EAST CAROLINA U 919 756-4558

GAVIGAN, JAMES RICHARD U AC
2 DOCTOR'S PARK 67 68 75
GREENVILLE 27834
U OF KENTUCKY 919 752-5077

GAY, WILTON CARLYLE, JR. FP AC
204 STAFFORDSHIRE RD. 82 83 79
GREENVILLE 27834
EAST CAROLINA U 919 756-4593

GIBBS, DAVID HAMILTON S
2710 SUNSET AVENUE 87 00 83
GREENVILLE 27834
EAST CAROLINA U 919 756-8040

GILBERT, CHARLES FRANKLIN PTH AC
PITT CO. MEM. HOSP.-LAB. MED. 59 59 66
GREENVILLE 27834
U OF NC 919 757-4495

GILBERT, RICHARD LESLIE, JR. S
A-1 DOCTORS PARK APTS. 86 00 83
BEASLEY DRIVE
GREENVILLE 27834
EAST CAROLINA U 919 758-1862

GLENN, SHELLEY FAYE S
E-5 DOCTOR'S PARK APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-6182

GOFORTH, JOHN PARKER S
215 CHURCH ST. 86 00 85
DANVILLE, PA 17821
EAST CAROLINA U

GOOD, MICHAEL CLAY S
M-12 DOCTOR'S PARK APTS. 88 00 83
GREENVILLE 27834
EAST CAROLINA U 919 758-4771

GOWEN, CLARENCE W., JR. PD /NPM AC
ECU SCHOOL OF MEDICINE 79 81 85
GREENVILLE 27834
MED COLL OF VA 919 757-4812

GOWEN, MARILYN ALLEY PD /PDA AC
ECU, DEPT. OF PEDIATRICS 79 80 85
GREENVILLE 27834
MED COLL OF VA 919 757-4772

GRANT, TERRY ALAN S
2905-A CEDAR CREEK RD. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-6820

GRAVES, ROY WILLIAM EM AC
DEPT. OF EMERGENCY MED. 78 79 86
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
U OF WASHINGTON 919 757-0038

GRAY, ROBERTA SKINNER PNP AC
ECU DEPT. OF PEDIATRICS 72 72 84
GREENVILLE 27834
U OF NC 919 757-4963

GREGORY, JERRY GLEN P AC
ECU, DEPT. OF PSYCHIATRY 69 69 83
GREENVILLE 27834
U OF OKLAHOMA 919 757-2660

GRIGGS, JAMES PHILIP, JR. S
P. O. BOX 172 89 00 85
WINTERVILLE 28590
EAST CAROLINA U 919 756-9608

GROLNICK, CAROL ANN S
2007-B E. 4TH ST. 87 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-5227

GUTAI, JAMES PAUL END /PD AC
ECU, DEPT. OF PEDIATRICS 70 71 83
GREENVILLE 27834
TEMPLE U 919 757-2514

GYVES, JOHN WILLIAM IM /ON AC
ECU DEPT. OF MEDICINE 77 77 86
BRODY BLDG. MOYE BLVD.
GREENVILLE 27834
M C OF WISCONSIN 919 757-2554

HAAR, FREDERICK BEHREND PD L
610 S. OAK STREET 32 32 35
GREENVILLE 27834
JEFFERSON 919 752-2039

HAGA, EDWARD WAYNE S
804 FORBES ST. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-5190

HAINER, BARRY LEWIS FP AC
602 QUEEN ANNE'S ROAD 76 77 86
GREENVILLE 27834
GEORGETOWN U 919 757-4164

HALE, JOHN CHARLES GS /CDS AC
10 DOCTOR'S PARK 70 70 77
GREENVILLE 27834
WAYNE STATE U 919 758-1747

HALL, BRENT DWAYNE S
DOCTOR'S PARK APTS, #P-7 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-7222

HAMILTON, GENE THOMAS ORS AC
6 MEDICAL PAVILION 67 68 74
GREENVILLE 27834
NORTHWESTERN U 919 752-4613

HANRAHAN, LEO ROBERT, JR. PTH /BLB AC
ECU SCHOOL OF MEDICINE 72 77 78
DEPT. OF PATHOLOGY
GREENVILLE 27834
SYRACUSE 919 757-2806

HARDY, IRA MAY, II NS AC
125 MOYE BOULEVARD 63 63 68
GREENVILLE 27834
U OF NC 919 752-5156

PITT COMPONENT SOCIETY (Continued)

HARDY, JOHN GREGG N AC
425 STANTONSBURG ROAD 73 73 78
GREENVILLE 27834
BOWMAN GRAY 919 752-4848

HARRIS, LAWRENCE STANLEY FOP /NA AC
ECU SCHOOL OF MEDICINE 62 62 78
GREENVILLE 27834
CASE WESTERN RES 919 757-4655

HATCHER, WALTER BENJAMIN S
1059 MILLER ST. 86 00 83
WINSTON-SALEM 27103
EAST CAROLINA U

HEATH, STACEY MAURICE S
202-A LINDBETH DR. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 355-2402

HEIZER, MORTIMER DANTZLER FP AC
701 N. MAIN STREET 61 64 65
FARMVILLE 27828
MED COLL OF VA 919 753-3193

HENDRIX, JOHN DAVID D AC
1705 W. SIXTH STREET 67 68 73
GREENVILLE 27834
U OF FLORIDA 919 752-4124

HENGEVELD, LOFTUS, JR. EM /AN RT
107 IRON WOOD DRIVE 47 48 77
GREENVILLE 27834
HAHNEMANN 919 756-2047

HENSON, DONALD LENTZ, JR. S
24 SCOTT ST. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-7639

HERMAN, DENNICE HICKMAN S
P. O. BOX 330 86 00 83
WINTERVILLE 28590
EAST CAROLINA U 919 756-7485

HILTON, SUZANNE ELIZABETH S
APT. 41-A, ARLINGTON SQUARE 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-0677

HINSON, TONY RAY S
COUNTRY MANOR APTS. #3 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-5643

HODGES, JOSEPH AL, JR. S
1108 E. 10TH ST., APT. 3-H 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-7626

HOLBROOK, CARTER TATE, III PHO /PD AC
ECU, DEPT. OF PEDIATRICS 75 75 80
GREENVILLE 27834
U OF NC 919 757-4676

HOLLAND, JAMES EUGENE OPH AC
2573 STANTONSBURG ROAD 75 75 81
GREENVILLE 27834
U OF MISSOURI 919 752-0313

HOLTER, JOHN FREDERICK IM /PUD AC
HIGHWAY 64 WEST 79 80 85
P. O. BOX 310
BETHEL 27812
PENN STATE U 919 757-4653

HUGHES, JAMES LEWIS PD AC
PITT CO. MEM. HOSP. 228-2W 55 55 82
GREENVILLE 27834
U OF MARYLAND 919 355-2460

HUMPHREYS, ERIC MARTIN IM AC
ECU SCHOOL OF MEDICINE 80 81 86
GREENVILLE 27834
WEST VA U 919 757-4633

IRONS, CARY FREDERICK, JR. FP L
1104 W. ROCK SPRING ROAD 41 46 46
GREENVILLE 27834
MED COLL OF VA 919 752-3423

IRONS, MALENE GRANT PD /GPM L/RT
1104 W. ROCKSPRING 41 46 46
GREENVILLE 27834
MED COLL OF VA 919 752-3423

IRONS, THOMAS GRANT PD AC
ECU DEPT. OF PEDIATRICS 72 72 82
GREENVILLE 27834
U OF NC 919 757-2535

JAMES, ROBERT MITCHELL S
2704 JEFFERSON DR. 87 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-2254

JANOSKO, EDWARD ORESTES, II U /N/A AC
224 KING GEORGE ROAD 74 75 80
GREENVILLE 27834
YALE 919 752-5077

JOHNSON, ALLEN DANIEL S
D-15 DOCTOR'S PARK 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-9083

JOHNSON, SAMUEL ANDREW S
APT. #4, CARRIAGE HOUSE 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 934-2161

JOHNSRUDE, IRWIN STANLEY DR AC
P. O. BOX 328, RTE. #9 56 66 66
GREENVILLE 27834
U OF MANITOBA 919 756-9280

JOHNSTONE, WILLIAM MILLER, JR. S
408 S. HARDING ST. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-7213

JONES, BILLY ERNEST D AC
ECU DEPT. OF MEDICINE 58 58 67
GREENVILLE 27834
DUKE 919 757-2555

JONES, CHRISTOPHER S
#4 WILDWOOD VILLAS 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-5110

JONES, DENNIS EBLEN DARNELL OBG AC
ECU SCHOOL OF MEDICINE 68 68 78
GREENVILLE 27834
DUKE 919 757-4610

JONES, JAMES GRADY FP AC
P. O. BOX 1846 59 59 61
GREENVILLE 27834
BOWMAN GRAY 919 757-2600

JORDAN, CHARLES DANIEL FP L
EAST CAROLINA UNIV. INFIRMARY 48 50 50
GREENVILLE 27834
MED COLL OF VA 919 757-6841

KALLMAN, HAROLD FP /GER AC
ECU DEPT.OF FAMILY MEDICINE 54 55 82
GREENVILLE 27834
NEW YORK U 919 757-2597

KATARIA, SUDESH PD AC
ECU DEPT. OF PEDIATRICS 65 73 80
GREENVILLE 27834
LADY HARDINGE 919 757-2535

KATARIA, YASH PAL PUD /IM AC
ECU DEPT. OF MEDICINE 59 60 79
GREENVILLE 27834
M C OF AMRITSAR 919 757-4653

KATZ, EDWARD KENNETH P /PYM AC
ECU SCHOOL OF MEDICINE 74 75 86
GREENVILLE 27834
TUFTS U

KENDRICK, PAUL WAYNE NEP /IM AC
6 DOCTORS PK,
STANTONSBURG RD. 66 72 75
GREENVILLE 27834
U OF ALABAMA 919 752-8880

KENNY, JEAN BRYCE FELTY PD /ID AC
1004 HILLSIDE DRIVE 57 57 83
GREENVILLE 27834
JOHNS HOPKINS 919 757-2511

KINARD, JAMES DONALD S
33 WEST HILLS TOWNHOMES 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 852-6384

KLEIN, GEORGE FP AC
103 FLETCHER PLACE 79 81 84
GREENVILLE 27834
AUTONOMA U 919 757-4611

KNOTT, RUFUS HENRY, II OTO /A AC
100 WILLIAMSBURG DRIVE 64 64 72
GREENVILLE 27834
U OF NC 919 752-5227

KNUPP, CHARLES LEONARD HEM /IM AC
ECU SCHOOL OF MEDICINE 76 77 84
DEPT. OF MEDICINE
GREENVILLE 27834
U OF MARYLAND 919 757-2560

KODROFF, MICHAEL BARRY PDR /NM AC
ECU DEPT. OF RADIOLOGY 67 67 85
GREENVILLE 27834
JEFFERSON 919 757-4972

KOONTZ, JACK ALEXANDER OM AC
E.I.DUPONT DE NEMOURS & CO. 64 64 69
P. O. BOX 800
KINSTON 28501
U OF NC 919 522-6100

KOPELMAN, ARTHUR NPM AC
ECU SCHOOL OF MEDICINE 63 63 79
GREENVILLE 27834
U OF ROCHESTER 919 757-4787

KUSHNICK, THEODORE PD AC
ECU SCHOOL OF MEDICINE 51 53 80
GREENVILLE 27834
HARVARD 919 757-2529

LANE, CHARLES JENKINS S
2905-H CEDAR CREEK RD. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-2884

LANNIN, DONALD ROWE GS AC
ECU, DEPT. OF SURGERY 74 76 83
GREENVILLE 27834
U OF MINN 919 757-4629

LARKIN, ERNEST WADDILL, III PTH AC
ECU SCHOOL OF MED.,
BRODY 1F79 70 71 78
GREENVILLE 27834
MED COLL OF VA 919 757-4495

LARSON, RICHARD MARTIN GS /CDS AC
10 DOCTORS PK,
STANTONSBURG RD 74 76 82
GREENVILLE 27834
DUKE 919 758-1747

LAUPUS, WILLIAM EDWARD PD /PNP AC
ECU SCH. OF MED. DEAN'S OFF. 45 45 76
GREENVILLE 27834
YALE 919 757-2201

LAVIETES, WILLIAM PAUL S
1809 E. FIFTH ST., #14 87 00 85
GREENVILLE 27834
EAST CAROLINA U

LENNON, YATES ALTON S
APT. 13-E COURTNEY SQUARE 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 648-4158

LEONARD, JOHN RICHARD, III NS AC
125 MOYE BOULEVARD 70 70 76
GREENVILLE 27834
U OF NC 919 752-5156

LEONARD, MARILYN JEAN S
#18 GLENWOOD APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-0713

LEONHARDT, GARY GENE S
304 S. JARVIS ST. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-0978

LEVINE, GARY IRA FP AC
BOX 1846 76 77 81
GREENVILLE 27834
WAYNE STATE U 919 757-4611

LEWIS, LARRY STEWART GS AC
DEPT. OF SURGERY 77 80 83
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
WAYNE STATE U 919 757-4629

LICHSTEIN, PETER RIBACK IM AC
ECU DEPT. OF MEDICINE 76 78 82
GREENVILLE 27834
U OF MICHIGAN 919 757-4633

LINDSAY, MIRACLE YVONNE S
APT. N-3, DOCTOR'S PARK 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-3793

LONGINO, FRANK HENRY GS /TS RT
1914 FOREST HILL DR. 47 51 56
GREENVILLE 27834
DUKE 919 758-1747

MACDONALD, MARK EDWARD S
107 DUPONT CIRCLE 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-6502

PITT COMPONENT SOCIETY (Continued)

MACKENNA, JARLATH OBG /NPM AC
ECU, DEPT. OF OBG 69 73 79
GREENVILLE 27834
NAT U OF IRELAND 919 757-4693

MADAKASIRA, SUDHAKAR P AC
ECU, DEPT. OF PSYCHIATRY 75 75 82
GREENVILLE 27834
S V MEDICAL COLL 919 757-2663

MARCUARD, STEFANO P. GE /IM AC
ECU, DEPT. OF MEDICINE 77 79 84
GREENVILLE 27834
U OF ZURICH 919 757-4652

MARKELLO, JAMES ROSS PD AC
ECU SCHOOL OF MEDICINE 61 62 78
GREENVILLE NC 27834
ST U OF NY-BUFF 919 757-2539

MARROW, HENRY GREGORY PTH AC
PITT CO. MEM. HOSP. 78 80 83
P. O. BOX 6028
GREENVILLE 27834
DUKE 919 757-4495

MARTIN, BARBARA ANNETTE S
13 UPTON COURT 89 00 85
GREENVILLE 27834
EAST CAROLINA U

MASSENGILL, SUSAN FOSTER S
2405-1 MORTON BLVD. 87 00 86
WILSON 27893
EAST CAROLINA U 919 291-6550

MATHIS, JAMES LARRY P AC
ECU, DEPT. OF PSYCHIATRY 49 49 77
GREENVILLE 27834
ST LOUIS U 919 757-2660

MCCLAIN, LINDA S
EVANS TRAILER PK. 86 00 83
RT. 2, BOX 89
WINTERVILLE 28590
EAST CAROLINA U 919 756-6481

MCCONNELL, ROBERT WILLIAM R /NM AC
1711 W. SIXTH STREET 59 59 69
GREENVILLE 27834
MED COLL OF VA 919 752-5000

MCCOY, MARSHALL CLARKE R
T-2 DOCTOR'S PARK APTS. 84 85 86
GREENVILLE 27834
EAST CAROLINA U 919 758-8045

MCCUSKER, FRANCIS XAVIER IM AC
PO BOX 190 81 83 85
WALSTONBURG 27888
MED COLL OF PENN 919 753-4613

MCDONALD, PENELOPE JANE S
M-4 DOCTOR'S PARK APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-8552

MCELWEE, THOMAS BRENTON GS AC
DEPT. OF SURGERY 80 81 86
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
TULANE U 919 757-4629

MCGILLICUDDY, DENIS MICHAEL ORS AC
117 MEDICAL DRIVE 75 77 81
GREENVILLE 27834
U OF MICHIGAN 919 758-1777

MCLEAN, HARRY H., III FP /EM AC
ECU STUDENT HEALTH SERVICE 53 53 54
GREENVILLE 27834
WASHINGTON U 919 757-6841

MEECE, JEANNINE MARIE PD AC
1800 W. FIFTH ST., STE. #8 81 82 86
GREENVILLE 27834
U OF SOU FLORIDA 919 758-1750

MEGA, LESLY TAMARIN CHP /P AC
ECU, DEPT. OF PSYCHIATRY 68 70 83
GREENVILLE 27834
BOSTON U 919 757-2673

MELTON, BARRY CLINE S
1095-K CHEYENNE COURT 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-2917

MERRILL, RICHARD HOSMER NEP /IM AC
ECU SCHOOL OF MEDICINE 66 67 80
GREENVILLE 27834
BOSTON U 919 757-2545

METZGER, W. JAMES IM /AI AC
ECU, DEPT. OF MEDICINE 71 71 85
GREENVILLE 27834
NORTHWESTERN U 919 757-2562

MEWBORN, QUENTIN ALEXANDER, JR FP AC
P. O. BOX 1966 69 69 73
GREENVILLE 27834
U OF NC 919 752-7133

MINARD, RAYMOND BRUCE AN AC
322 DUPONT CIRCLE 81 84 78
GREENVILLE 27834
EAST CAROLINA U 919 756-9168

MINGES, RAY DONALD GS AC
150 LONGMEADOW ROAD 44 44 54
GREENVILLE 27834
MED COLL OF VA 919 752-5812

MINTEER, WILLIAM JEFFREY CD /IM AC
#8 PALMETTO PLACE 78 81 84
GREENVILLE 27834
U OF PENN 919 752-6101

MITCHELL, JOYCE MARIE EM /IM AC
RT. #1, BOX 416E 76 79 82
BETHEL 27812
GEORGETOWN U 919 757-4757

MONROE, EDWIN WALL IM AC
ECU SCHOOL OF MEDICINE 51 51 57
GREENVILLE 27834
U OF PENN 919 757-4606

MONROE, WILLIAM MURCHISON OPH AC
DR.'S PK,STE.I,
STANTONSBURG RD 64 64 70
GREENVILLE 27834
U OF NC 919 758-4166

MONTGOMERY, EMMETT FULCHER S
207 HARDEE CIRCLE 89 00 86
GREENVILLE 27834
EAST CAROLINA U 919 752-1490

MOORE, BARRY ALLEN P AC
1705 W. SIXTH ST., BLDG. H 70 70 79
GREENVILLE 27834
U OF KANSAS 919 758-6080

MOORE, CAROL ANN S
110 S. CONTENTNEA ST., APT. C 88 00 85
FARMVILLE 27828
EAST CAROLINA U 919 753-2015

MOORE, SUSAN ELIZABETH S
2521 MEMORIAL DR. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-3397

MURAD, JOSEPH LOUIS OBG AC
1730 W. FIFTH STREET, EXT. 57 57 66
GREENVILLE 27834
U OF NC 919 758-4855

NARRON, GREGORY S
WESTHILLS TOWNHOUSE #5 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-3672

NASHOLD,JAMES R. BLACKBURN S
210 N. EASTERN ST. 88 00 86
GREENVILLE 27834
EAST CAROLINA U 919 758-1793

NELSON, PHILIP GROESBECK P L
MEDICAL PAVILION, SUITE #9 54 57 59
GREENVILLE 27834
U OF LOUVAIN 919 758-3145

NEWMAN, WALTER JOSEPH NEP AC
6 DOCTOR'S PARK 75 78 82
GREENVILLE 27834
DUKE 919 752-8880

NEWTON, DOUGLAS FRISBIE GE /IM AC
1705 W. SIXTH STREET 68 72 75
GREENVILLE 27834
SYRACUSE 919 752-6101

NORRIS, H. THOMAS PTH AC
PITT COUNTY MEM. HOSPITAL 59 60 83
GREENVILLE 27834
U OF SOU CALIF 919 757-4951

NUTT, SUZANNE HAMILTON S
717 SNOW HILL ST. 89 00 85
AYDEN 28513
EAST CAROLINA U 919 746-4695

O'BRIEN, THOMAS FRANCIS, JR. GE /IM AC
ECU SCHOOL OF MEDICINE 57 61 61
GREENVILLE 27834
YALE 919 757-4652

ORR, LYNN HUIE, JR. CD /IM AC
ECU DEPT. OF MEDICINE 74 70 80
GREENVILLE 27834
BOWMAN GRAY 919 757-4651

PANTELAKOS, STEVEN THOMAS S
28 LEXINGTON SQUARE 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-4752

PAPPAS, PAMELA ANNE P AC
DEPT. OF PSY. 79 83 85
ECU SCH. OF MEDICINE
GREENVILLE 27834
BOWMAN GRAY 919 757-2660

PARK, H. KIM PTH AC
ECU, DEPT. OF CLINICAL PATH. 69 75 77
GREENVILLE 27834
EWHA WOMANS U 919 757-4495

PARSONS, RICKEY S
107 KATHRYN LANE 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-0234

PATEL, JAYESH KANCHANLAL S
109 STEWARD LANE 87 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-8948

PATEL, KANCHANLAL B. PH /FP AC
404 ST. ANDREWS ST. 61 74 85
GREENVILLE 27834
BARODA U 919 756-1343

PATRONE, NICHOLAS ANGELO RHU /IM AC
ECU DEPT. OF MED.& PED. 76 76 77
GREENVILLE 27834
LOYOLA U 919 757-2533

PATTERSON, F. M. SIMMONS GS L/RT
4503 MORGAN LANE 39 39 47
NEW BERN 28560
U OF PENN 919 633-3492

PATTERSON, THOMAS HENRY, JR. FP AC
701 N. MAIN STREET 54 55 58
FARMVILLE 27828
U OF NC 919 753-3193

PEARCE, RICHARD EDWARD S
202-B LINDBETH DR. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-8447

PEDEN, JAMES GWYN, JR. IM /P AC
DEPT. OF MEDICINE 79 80 84
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
U OF NC 919 757-4633

PHIPPS, ERVIN LAMAR S
1500 WILLOW ST. APT. #3 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 757-3379

POPKIN, CATHERINE DINAH S
COURTNEY SQUARE - #14E 86 00 83
GREENVILLE 27834
EAST CAROLINA U 919 756-0559

PORIES, WALTER JULIUS GS /TS AC
203 CHOWAN ROAD 55 56 78
GREENVILLE 27834
U OF ROCHESTER 919 757-4629

POWERS, BARRY DR AC
306 STANWOOD DRIVE 75 77 81
GREENVILLE 27834
NEW YORK MED COL 919 752-5000

PRICE, JERRY THEODORE S
A-4 BROOKHILL TOWNHOMES 86 00 84
GREENVILLE 27834
EAST CAROLINA U 919 355-6254

PRIVETTE, DOUGLAS CRAIG CD /IM AC
222 KING GEORGE ROAD 76 76 82
GREENVILLE 27834
U OF NC 919 752-6101

PULKINGHAM, NATHAN CARR S
108 S. HARDING ST. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 226-9494

PURCELL, PETER NELSON S
APT. Q-2, DOCTORS PARK 88 00 84
GREENVILLE 27834
EAST CAROLINA U 919 757-3023

PITT COMPONENT SOCIETY (Continued)

RAAB, MARY JERISTA ON /HEM AC
ECU SCHOOL OF MEDICINE 68 68 78
GREENVILLE 27834
MED COLL OF PENN 919 757-2383

RAAB, SPENCER O. ON /HEM AC
ECU SCHOOL OF MEDICINE 54 57 78
GREENVILLE 27834
ST U OF NY-BUFF 919 757-2383

RAJU, VEGESENA PRUDHVI EM AC
324 KING GEORGE ROAD 64 75 76
GREENVILLE 27834
ANDHRA U 919 757-4757

RAMBERSAUD, EDWARD NANDLAL S
A-3 DOCTOR'S PARK APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-4467

RAMSDELL, CHARLES MICHAEL RHU /IM AC
1705 W. SIXTH STREET 65 65 76
GREENVILLE 27834
LA STATE U 919 752-6101

RAND, CECIL HOLMES, JR. IM /PUD AC
1800 W. FIFTH STREET 61 61 69
GREENVILLE 27834
U OF NC 919 752-3185

RAND, STEPHANIE SLATER S
405 SEDGEFIELD DRIVE 87 00 83
GREENVILLE 27834
EAST CAROLINA U 919 756-0842

RAWL, RICHARD PRESTON FP AC
P. O. BOX 339 78 80 82
BETHEL 27812
BOWMAN GRAY 919 825-0355

RAY, V. GAIL EM AC
DEPT. OF EMERGENCY MED. 77 77 86
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
U OF ARKANSAS 919 757-4757

ROSE, JOHN DAVID CD /IM AC
1800 W. 5TH ST., #2 72 73 78
GREENVILLE 27834
U OF PENN 919 752-3185

ROUNDS, JOHN CARSON S
104 CHESTERFIELD CT., #26 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 355-7427

RUCKER, WILLIAM L. GS AC
10 DOCTOR'S PARK 80 81 83
GREENVILLE 27834
MED U OF SC 919 758-1747

RUIZ, JOHN DAVID FP AC
302 N. GREENE STREET 78 79 84
SNOW HILL 28580
AUTONOMA U 919 747-2921

RUMLEY, RICHARD LEE IM /ID AC
DEPT. OF MEDICINE 78 79 84
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
U OF NC 919 757-2550

SALDANHA, RITA LOUIS NPM /PD AC
213 WOODHAVEN ROAD 73 73 82
GREENVILLE 27834
B J MED COLLEGE 919 757-4684

SALLE, GEORGE FREDERIC U L
1703 W. SIXTH STREET 33 33 46
GREENVILLE 27834
MED COLL OF VA 919 752-2507

SANCHEZ, RAFAEL CAMILO FP /ADL AC
P. O. BOX 1846 50 50 85
GREENVILLE 27835
LA STATE U 919 757-2608

SATTERFIELD, G. HOWARD, JR. OBG AC
DOCTOR'S PARK, BUILDING #5 57 57 63
GREENVILLE 27834
DUKE 919 758-5246

SCARANTINO, CHARLES WALTER TR AC
RADIATION ONCOLOGY CTR. 73 74 82
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
BOWMAN GRAY 919 757-2900

SCHNELL, MARTIN NORMAN, JR. S
BIRCHWOOD SANDS RT. 4, LOT 46 87 00 83
GREENVILLE 27834
EAST CAROLINA U 919 758-7728

SEHGAL, NARINDER NATH OBG AC
ECU DEPT. OF OB-GYN 54 61 85
GREENVILLE 27834
M C OF AMRITSAR 919 757-4622

SESSOMS, RODNEY KEVIN S
1016-B WESTOVER DR. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 830-1453

SHAPPLEY, BEN GORDON PD AC
1800 W. FIFTH STREET 66 66 74
GREENVILLE 27834
U OF VIRGINIA 919 752-7141

SHAW, ROBERT ARNETT PUD /IM AC
1705 W. SIXTH STREET 76 77 82
GREENVILLE 27834
DUKE 919 752-6101

SHUPING, JOHN ROSS N AC
425 STANTONSBURG ROAD 76 76 73
GREENVILLE 27834
BOWMAN GRAY 919 752-4848

SILVERMAN, JAN FRANKLIN PTH AC
BRODY, 1F79, ECU SCH. OF MED 70 70 84
GREENVILLE 27834
MED COLL OF VA 919 757-4495

SIMMONS, EVERETT CASEY P AC
ECU, DEPT. OF PSYCHIATRY 71 72 82
GREENVILLE 27834
U OF TENNESSEE 919 757-2660

SINAR, DENNIS ROBERT GE /IM AC
ECU, DEPT. OF GE 73 73 82
GREENVILLE 27834
OHIO STATE U 919 757-4652

SMALL, FAIRLEIGH DAVID EM AC
205 W. CHURCH STREET 78 80 83
FARMVILLE 27828
U TX-SAN ANTONIO 919 757-4461

SMERASKI, PHILIP JOHN P AC
111 PLACID WAY 81 83 85
GREENVILLE 27834
MED COLL OF PENN 919 757-2660

SMITH, CAMERON LANGLEY D AC
1705 W. SIXTH STREET 71 71 78
GREENVILLE 27834
U OF NC 919 752-4124

SMITH, DONALD RAY S
802-2 WILLOW ST. APTS. 87 00 86
GREENVILLE 27834
EAST CAROLINA U 919 758-6384

SMITH, JAMES JEFCOAT GP RT
1903 BROOK ROAD 44 44 48
GREENVILLE 27834
U OF TENNESSEE 919 756-3905

SMITH, JOHN ROBERT, JR. S
314 ROUNDTREE DR. 86 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-1821

SMITH, MICHAEL EARL S
ROUTE #2, BOX 93 88 00 85
WINTERVILLE 28590
EAST CAROLINA U 919 756-3960

SOBOL, TODD LOWELL S
108 S. HARDING STREET 87 00 84
GREENVILLE 27834
EAST CAROLINA U 919 752-7202

SONG, JULIET KIM AN AC
PHYSICIAN'S QUADRANGLE 65 65 72
GREENVILLE 27834
EWHA WOMANS U 919 752-1433

SPENCER, GEORGE MICHAEL S
3000 GOLDEN RD., CONDO #7 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-5617

SPICER, SAMUEL SHERMAN EM /FP AC
ECU DEPT. OF EMERGENCY MED. 39 77 82
GREENVILLE 27834
U OF COLORADO 919 757-4757

STANFORTH, ALA CAMERON S
1108 E. 10TH ST., APT. A-3 88 00 86
GREENVILLE 27858
EAST CAROLINA U 919 758-0053

STANLEY, FRANKIE EDWARD S
2410-B E. THIRD ST. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-6172

STEEL, JOHN GRIFFITH N AC
425 STANTONSBURG ROAD 77 79 85
GREENVILLE 27834
U OF NC 919 752-4848

STEPHENSON, HALE HAMPTON S
ECU SCHOOL OF MEDICINE 88 00 85
STUDENT
GREENVILLE 27834
EAST CAROLINA U 919 830-0748

STEVENS, JAMES ROMER S
100 CLUBWAY DR. #34 87 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-6228

STEWART, ANGELA GRACE PD AC
225 PEARL DRIVE 80 81 84
GREENVILLE 27834
RUSH MED COLL 919 747-2817

STOCKS, ROSE MARY SUTTON S
211 CHURCHILL DR. 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-5864

STRATAS, BYRON ARISTOTLE S
P. O. BOX 8132 86 00 83
GREENVILLE 27834
EAST CAROLINA U 919 355-6756

STRAUSBAUCH, PAUL HENRY PTH AC
1717 MORNINGSIDE PLACE 74 78 79
GREENVILLE 27834
U OF MIAMI 919 757-2809

STRYKER, JOANNE CAROL S
E-5 DOCTOR'S PARK 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-6182

SUNDER, THEODORE RALPH CHN /N AC
ECU DEPT. OF PEDIATRICS 72 62 85
GREENVILLE 27834
JEFFERSON 919 757-4905

SUPIK, LAWRENCE FRANCIS S
206-B LINDBETH DR. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-0309

SWING, DONALD CRAVER, JR. S
213 STAFFORDSHIRE DR. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 830-0748

TAFT, RICHARD CHESSON OBG AC
101 BETHESDA DRIVE 72 72 77
GREENVILLE 27834
U OF NC 919 758-4181

TAYLOR, ALLEN R AC
1711 W. 6TH ST. 47 52 54
GREENVILLE 27834
DUKE 919 752-5000

TAYLOR, JERRY JURGEN S
2402-B E. THIRD ST. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 562-5174

TEACHEY, HERMAN MCKINLEY S
404 LAUREL ST. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 758-4139

THIELE, RONALD LEWIS PD /PH AC
503 QUEEN ANNE'S ROAD 48 49 73
GREENVILLE 27834
WAYNE STATE U 919 756-6721

THOMAS, FRANCIS THORNTON TS /GS AC
ECU DEPT. OF SURGERY 64 67 81
GREENVILLE 27834
U OF MINN 919 757-2620

THOMAS, MILLARD BRADY, III S
11-B STRATFORD ARMS 88 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-2373

THOMAS, ROGER EDMUND FP AC
DEPT. OF FAMILY MEDICINE 77 78 84
ECU SCHOOL OF MEDICINE
GREENVILLE 27834
MCMASTER U 919 757-2603

THOMAS, ROSEMARY ANN CD /IM AC
ECU, DEPT. OF MEDICINE 76 77 83
GREENVILLE 27834
U OF VIRGINIA 919 757-4651

PITT COMPONENT SOCIETY (Continued)

TIMMONS, PHILLIP ZACHARY S
D-6 DOCTORS PARK APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 488-8162

TIMMONS, ROBERT LANSING NS AC
125 MOYE BOULEVARD 53 58 59
GREENVILLE 27834
HARVARD 919 752-5156

TINGELSTAD, JON BUNDE PD /PDC AC
ECU, DEPT. OF PEDIATRICS 60 61 76
GREENVILLE 27834
HARVARD 919 757-2540

TRANT, CHARLES AMON, JR. S
106 SCALES PL., A-8 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 830-1244

TREADWELL, EDWARD LOUIS RHU /IM AC
ECU, DEPT. OF MEDICINE 75 76 83
GREENVILLE 27834
DUKE 919 757-2533

TREVATHAN, G. EARL, JR. PD AC
ECU, AMBULOTORY PED. SECT. 51 54 54
GREENVILLE 27834
U OF COLORADO 919 757-2535

TROUGHT, WILLIAM STANLEY DR AC
19 BAYWOOD DRIVE 68 69 75
WINTERVILLE 28590
TUFTS U 919 752-5000

TUCKER, DONALD HUGH IM /CD AC
1705 W. SIXTH STREET 58 58 64
GREENVILLE 27834
DUKE 919 752-6101

TURNER, ROBERT COY IM AC
ECU, DEPT. OF MEDICINE 76 76 80
GREENVILLE 27834
U OF ILLINOIS 919 757-4633

VAUGHN, RICHARD SIDNEY FP AC
P. O. BOX 1966 74 74 78
GREENVILLE 27834
BOSTON U 919 752-7133

VERNON, MICHAEL STEPHEN FP AC
609 CEDARHURST RD. 79 81 84
GREENVILLE 27834
BOWMAN GRAY 919 757-4614

VICK, JOHN BERNARD TS /GS AC
#10 DOCTOR'S PARK 57 57 66
GREENVILLE 27834
BOWMAN GRAY 919 758-1747

VOLKMAN, ALVIN PTH AC
ECU, BRODY 7E, 124 51 52 78
GREENVILLE 27834
ST U OF NY-BUFF 919 757-2804

WALKER, WILLIAM RAY P AC
3109 GORDON DRIVE 68 68 77
GREENVILLE NC 27834
MED COLL OF VA 919 757-2661

WALSH, EMMETT JAMES, JR. U AC
2 DOCTOR'S PARK 60 60 68
GREENVILLE 27834
ST LOUIS U 919 752-5077

WALSH, ZANE THOMAS, JR. FP /PHO S
106 GREENWAY APTS. 86 00 85
GREENVILLE 27834
EAST CAROLINA U 919 756-7682

WARD, JOSEPH MAJOR FP /GER AC
121 W. POWER STREET 47 49 50
AYDEN 28513
DUKE 919 746-3191

WARSHAUER, ALBERT DAVID AN RT
1608 E. FIFTH STREET 47 47 59
GREENVILLE 27834
WASHINGTON U 919 752-5296

WATKINS, ROY WAYNE S
300 N. OAK ST. #16 86 00 86
GREENVILLE 27834
EAST CAROLINA U 919 752-5553

WAUGH, WILLIAM HOWARD NEP /IM AC
ECU SCHOOL OF MEDICINE 48 48 72
GREENVILLE 27834
TUFTS U 919 757-2773

WEAVER, MICHAEL DAVID DR AC
1711 W. SIXTH STREET 71 71 76
GREENVILLE 27834
U OF TENNESSEE 919 756-7923

WEBB, DUANE DAVID IM /GE AC
300 CLUB PINES DR. 74 75 85
GREENVILLE 27834
U OF NY-ST BROOK

WEISNER, LARRY FELIX S
#12 COUNTRY MANOR APTS. 88 00 84
GREENVILLE 27834
EAST CAROLINA U 919 758-9272

WELCH, JACK H. AN AC
PHYSICIANS QUADRANGLE 63 63 70
GREENVILLE 27834
U OF NC 919 752-2140

WEST, ROBERT LEE PTH AC
ECU SCHOOL OF MEDICINE 59 59 67
GREENVILLE 27834
U OF NC 919 757-4951

WHITE, RANDAL EARL RHU AC
407 CEDARHURST RD. 80 80 85
GREENVILLE 27834
WEST VA U 919 752-6101

WHITE, STEVEN MERLE OPH AC
301 BOWMAN GRAY DR. 59 63 68
GREENVILLE 27834
MED U OF SC 919 758-5800

WICKER, JOSEPH BEAMAN AN AC
PHYSICIANS QUAD., BLDG. F 78 81 84
GREENVILLE 27834
U OF TENNESSEE 919 752-2140

WILHELMSEN, BRUCE ORS AC
117 MEDICAL DRIVE 79 79 85
GREENVILLE 27834
DUKE 919 758-1777

WILKERSON, JACK WINFIELD FP AC
P. O. BOX 1966 53 53 56
GREENVILLE 27834
MCGILL U 919 752-7133

WILLE, CARL RICHARD OPH AC
DOCTOR'S PK, BLDG. 1 68 69 75
GREENVILLE N C 27834
U OF ROCHESTER 919 758-4166

WILLIAMS, MARTIN KEITH S
B-5 DOCTOR'S PARK APTS. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-8619

WILLIAMS, RANDOLPH MEADE ORS AC
117 MEDICAL DRIVE 71 71 79
GREENVILLE 27834
U OF VIRGINIA 919 758-1777

WILLIAMSON, JOSEPH EDWARD EM /FP AC
PITT MEMORIAL HOSPITAL 73 73 77
GREENVILLE 27834
U OF NC 919 753-2628

WILLIS, STEPHEN EDGAR FP AC
1748 BEAUMONT DR. 81 82 84
GREENVILLE 27834
U OF VIRGINIA 919 757-4611

WILLSON, CHARLES FREDERICK PD AC
1800 W. FIFTH ST. 74 76 81
GREENVILLE 27834
U OF VIRGINIA 919 752-7141

WILSON, ROBERT WAYNE S
EVANS MOBILE HOME PK. BOX 191 86 00 85
WINTERVILLE 28590
EAST CAROLINA U 919 756-1926

WIMMER, JOHN EASTER, JR. NPM AC
ECU SCHOOL OF MEDICINE 71 74 82
GREENVILLE 27834
MED COLL OF VA 919 757-4787

WINSTEAD, JOHN LINDSAY, JR. GS AC
SUITE #1, MEDICAL PAVILION 58 58 67
1800 W. FIFTH ST.
GREENVILLE 27834
U OF NC 919 752-2159

WOOTEN, JOHN LEMUEL ORS AC
6 MEDICAL PAVILION 47 54 55
GREENVILLE 27834
DUKE 919 752-4613

YONGUE, ALFRED HARRIS P AC
MEDICAL PAVILION, SUITE #9 59 59 66
GREENVILLE 27834
DUKE 919 758-3145

YONGUE, JUDITH S. P /FP AC
107-C COMMERCE ST. 62 59 78
GREENVILLE 27834
U OF NC 919 355-2768

YOUNG, CHARLES RICHARD S
102 DAVID DR., F-2 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 752-2918

YOUNG, GARRET PINKNEY S
L-13 BEASLEY ST. 89 00 85
GREENVILLE 27834
EAST CAROLINA U 919 830-1915

YOUNT, PHILIP CLAIR, JR. S
99 GREENEWAY APTS. 86 00 85
CLUBWAY DRIVE
GREENVILLE 27834
EAST CAROLINA U 919 355-2028

75. POLK COMPONENT SOCIETY

OFFICERS—**President:** George E. Hartman, M.D., Tryon
Secretary: Robert Dowdeswell, M.D., Columbus (704 697-6781)

BLOMELEY, CHARLES PERRY FP AC
P. O. BOX 667 65 66 67
COLUMBUS 28722
HOWARD U 704 894-8213

BOYER, GEORGE NORMAN P AC
913 CAROLINA DRIVE 46 46 50
TRYON 28782
BOWMAN GRAY 704 433-2503

HAYS, NATASHA THOMASOVNA PD AC
ROUTE #3, BOX 315 BB 81 84 85
FOREST CITY 28043
U OF MINN 704 894-3303

JAYNES, GRACE S. GP L/RT
P. O. BOX 327 30 30 49
TRYON 28782
MED COLL OF PENN 704 891-2240

MORGAN, ROY LOCKWOOD FP AC
P. O. BOX 677 54 54 56
COLUMBUS 28722
LOMA LINDA U 704 894-8213

PAGTER, AMOS TOWNSEND, JR. IM AC
107 WILDERNESS ROAD 55 61 61
TRYON 28782
DUKE 704 859-6697

PALMER, ROBERT MARION FP AC
P. O. BOX 1159 55 56 56
TRYON 28782
MED U OF SC 704 894-3306

PERRAUT, THOMAS CHRISTOPHER OPH AC
212 HOSPITAL DRIVE 78 79 84
COLUMBUS 28722
U OF LOUISVILLE 704 894-3037

ROZEMA, THEODORE CARL GPM AC
220 HUNTING COUNTRY ROAD 60 61 84
TRYON 28782
NORTHWESTERN U 803 457-4141

WOODY, JOHN W. AUSTIN FP L/RT
900 LYNN ROAD 37 39 40
TRYON 28782
U OF PENN 704 859-9483

YURKO, ANTHONY ANDREW GS RT
ROUTE #1, BOX 440 33 34 72
TRYON 28782
MED COLL OF VA 704 859-5133

76. RANDOLPH COMPONENT SOCIETY

OFFICERS—**President:** Ranbir Singh, M.D., Asheboro (919 629-4171)
Secretary: Alan S. Luria, M.D., Asheboro

ADAMS, HARVEY GYN AC
55 55 62
230 FOUST STREET
ASHEBORO 27203
U OF NC 919 625-6128

BETTS, CHARLES SAMUEL IM AC
67 67 73
220-A FOUST STREET
ASHEBORO 27203
U OF VIRGINIA 919 629-7710

BURNETTE, HOWARD OLSEN GP RT
47 48 49
108 N. COBLE STREET
RANDLEMAN 27317
MED COLL OF VA 919 498-2500

BUTLER, ROBERT HOYT GE AC
73 83 83
132 W. MILLER STREET
ASHEBORO 27203
BOWMAN GRAY 919 625-3218

CABERWAL, DALJIT SINGH U AC
70 68 77
P. O. BOX 1509
ASHEBORO 27203
NILRATAN COLL 919 625-3997

CAMERON, JOHN DARROCH FP AC
79 80 85
132-A W. MILLER ST.
ASHEBORO 27203
U OF NC 919 625-1360

CANNON, EUGENE BOLIVIA PD L/RT
37 37 41
366 LEXINGTON ROAD
ASHEBORO 27203
VANDERBILT U 919 625-2460

DALTON, BENNIE BOOKER GP L/RT
32 33 35
606 WAYNICK, BOX 8101
WRIGHTSVILLE BEACH 28480
DUKE 919 256-5956

DAVIS, GEORGE THOMAS OBG AC
62 62 66
230 FOUST STREET
ASHEBORO 27203
U OF NC 919 625-6128

DHATT, MALKIAT SINGH CD /IM AC
68 74 79
P. O. BOX 2028
ASHEBORO 27203
M C OF AMRITSAR 919 629-4176

DOUGH, ROBERT LYLE, JR. FP AC
82 83 79
125 E. TAFT AVE.
ASHEBORO 27203
BOWMAN GRAY 919 625-4350

EDMONDSON, FRANK, JR. FP L/RT
37 37 39
P. O. BOX 2628
ASHEBORO 27203
TEMPLE U 919 625-3230

FITZPATRICK, JOHN FRANCIS PTH /IM RT
43 64 64
RANDOLPH PATHOLOGY
P. O. BOX 1948
ASHEBORO 27203
HAHNEMANN 919 629-3282

GOBEL, WILLIAM KENNETH FP AC
52 52 54
P. O. BOX 1886
ASHEBORO 27203
BOWMAN GRAY 919 672-0090

GRAHAM, FREDERICK WILLIAM, JR. FP AC
55 56 59
125 E. TAFT AVENUE
ASHEBORO 27203
DUKE 919 625-4215

GRIFFIN, MARION WILSON GS /TS AC
62 62 69
205 E. ACADEMY ST.
ASHEBORO 27203
U OF NC 919 625-6188

GROSECLOSE, JAMES DAVID GP AC
55 55 56
124 COMMERCE SQUARE
RANDLEMAN 27317
U OF NC 919 498-2505

HAAK, EDWARD DECKER, JR. IM /CD AC
68 68 85
208 FOUST ST.
P. O. BOX 2839
ASHEBORO 27203
U OF VIRGINIA 919 625-4020

HANSPAL, PRITHVI PAL SINGH U AC
65 77 81
171 MCARTHUR STREET
P. O. BOX 1509
ASHEBORO 27203
SAROJNI NAIDU U 919 625-3997

HENDRICKS, WILLIAM MONROE D /A AC
74 77 79
407 S. COX ST.
ASHEBORO 27203
MED COLL OF VA 919 625-8410

JAMISON, EDGAR LAMONT OPH /OTO L/RT
33 34 64
1243 IDLEWOOD RD.
ASHEBORO 27203
U OF PITTSBURGH 919 625-6315

JOYNER, GEORGE WILLIAM GS L/RT
32 37 38
375 LEXINGTON ROAD
ASHEBORO 27203
DUKE 919 625-6465

KINLAW, JAMES BRADY, JR. FP AC
74 75 78
132-A W. MILLER STREET
ASHEBORO 27203
U OF VIRGINIA 919 625-1360

KLOSTERMYER, BROOKS V. DR AC
54 59 81
1036 OAKMONT DRIVE
ASHEBORO 27203
HAHNEMANN 919 629-0774

LIMBER, GERALD KECK PTH AC
67 63 80
1867 BACKCREEK COURT
ASHEBORO 27203
U OF PITTSBURGH 919 625-5151

OWEN, CHARLES FLETCHER, JR. R L
37 37 40
P. O. BOX 146
ASHEBORO 27203
U OF PENN 919 625-5151

QUERY, LUKE WALTER, JR. IM AC
41 41 49
132 W. MILLER STREET
ASHEBORO 27203
MED COLL OF VA 919 625-3218

RAMPE, GLENN STEPHEN FP AC
80 81 83
72 S. MAIN ST.
OLD TOWN, ME 04468
U OF SOU FLORIDA

SCARLATA, SALVATORE AN AC
43 46 77
1460 HARPER ROAD
ASHEBORO 27203
ST U OF NEW YORK 919 629-0131

SCOTT, ROBERT BAIRD FP AC
79 81 84
132-A W. MILLER STREET
ASHEBORO 27203
EASTERN VA 919 625-1360

SHACKELFORD, ERNEST D., JR DR /NM AC
52 53 55
P. O. BOX 427
ASHEBORO 27204
MED COLL OF VA 919 629-0774

SIMPSON, JOHN LARRY FP AC
73 73 73
132-A W. MILLER STREET
ASHEBORO 27203
BOWMAN GRAY 919 625-1360

SINGH, RANBIR ORS AC
63 76 79
542 WHITE OAK STREET
ASHEBORO 27203
M C OF PUNJAB U 919 629-4171

STOUT, CHARLES WALTER FP AC
58 58 62
1533 N. FAYETTEVILLE STREET
ASHEBORO 27203
U OF NC 919 672-0415

TEAGUE, RANDALL SCOTT DR /EM AC
74 74 84
1235 WESTOVER TERRACE
ASHEBORO 27203
BOWMAN GRAY 919 625-5151

THORNTON, WILLIAM COOPER, JR. IM AC
71 72 77
132 W. MILLER STREET
ASHEBORO 27203
MED U OF SC 919 625-3218

WALHA, GURMUKH SINGH ORS /HS AC
68 73 81
542 WHITE OAK STREET
ASHEBORO 27203
M C OF AMRITSAR 919 629-4171

WILLIAMS, JAMES JOSEPH FP AC
74 74 86
200 WORTH ST.
ASHEBORO 27203
U OF IOWA 919 625-6372

WILLIFORD, ROBERT EARL FP AC
55 55 59
208 FOUST STREET
ASHEBORO 27203
EMORY U 919 625-4000

77. RICHMOND COMPONENT SOCIETY

OFFICERS—**President:** John E. Flannery, M.D., Hamlet (919 582-0004)
Secretary: Charles D. Collins, M.D., Rockingham (919 895-6301)

AHDIEH, MASOUD PD AC
72 80 80
302 HYLAN AVENUE
HAMLET 28345
TABRIZ U 919 997-7180

ASKARY, NASSER AGHA OBG /END AC
66 73 74
P. O. BOX 1703
ROCKINGHAM 28379
OHWAZ MED SCH 919 997-3151

CLONINGER, GILES LATHERN, JR. FP AC
54 54 58
115 MAIN STREET
HAMLET 28345
BOWMAN GRAY 919 582-1319

COLLINS, CHARLES DAVID GS AC
74 76 84
1431 CUMBERLAND CIRCLE
ROCKINGHAM 28379
U OF NC 919 895-6301

COOK, DONALD EUGENE, JR. FP AC
81 83 84
RICHMOND MEDICAL CENTER
DRAWER 308
ROCKINGHAM 28379
BOWMAN GRAY 919 895-9075

EL-DROUBI, HAZEM U AC
69 77 79
1219 ROCKINGHAM ROAD
ROCKINGHAM 28379
EIN SHAMS U 919 997-5054

FLANNERY, JOHN EDWARD IM AC
80 80 84
53 MAIN STREET
HAMLET 28345
U OF TEXAS 919 582-0004

GARRISON, RALPH BERNARD FP L/RT
33 33 35
P. O. BOX 1169
HAMLET 28345
U OF MARYLAND 919 582-2140

HAJISHEIKH, MOOSA CD /IM AC
59 60 73
P. O. BOX 1537
ROCKINGHAM 28379
U OF TEHRAN 919 997-3177

HALL, DANIEL CRAWFORD FP AC
76 76 80
809 LONG DRIVE
ROCKINGHAM 28379
BOWMAN GRAY 919 895-9075

HOWELL, EDGAR VASTON, JR. ORS AC
56 56 82
400 E. WASHINGTON ST.
PO BOX 1148
ROCKINGHAM 28379
MED COLL OF GA 919 997-4570

KHOSHNEVIS, PARVIZ OBG AC
66 73 84
P. O. BOX 1703
ROCKINGHAM 28379
U OF SHIRAZ 919 997-3151

MCQUEEN, FRED DOUGLAS, JR. FP AC
73 74 78
P. O. DRAWER 1257
HAMLET 28345
HOWARD U 919 895-3138

QUEEN, HUGH OSCAR FP AC
52 54 56
315 CHARLOTTE STREET
HAMLET 28345
MED COLL OF GA 919 582-3241

RANKIN, PRESSLEY ROBINSON, JR. FP AC
47 48 50
P. O. BOX 40
ELLERBE 28338
BOWMAN GRAY 919 652-3321

RICHMOND COMPONENT SOCIETY (Continued)

ROSS, THOMAS EDGAR FP AC
P. O. BOX 1827 59 60 61
ROCKINGHAM 28379
U OF TENNESSEE 919 895-5253

SCOTT, LEGRAND THURMAN, JR. FP AC
1102 CAROLINA DRIVE 63 67 67
ROCKINGHAM 28379
MED U OF SC 919 895-9901

STEVENSON, JOHN SAMUEL R /NM AC
926 BIGGS BOULEVARD 67 67 74
ROCKINGHAM 28379
BOWMAN GRAY 919 997-2595

TRAPASSO, ROBERT LOUIS PTH AC
P. O. BOX 1928 76 78 80
ROCKINGHAM 28379
SYRACUSE 919 997-2561

VETTER, JOHN STANLEY FP AC
P. O. BOX 308 54 56 57
ROCKINGHAM 28379
DUKE 919 895-9075

WELLS, DAVID MORELLE DR AC
802 CUMBERLAND CIRCLE 67 67 78
ROCKINGHAM 28379
U OF MISSISSIPPI 919 997-6311

WHITE, PHILIP FLETCHER GP L
P. O. BOX 1827 42 48 48
ROCKINGHAM 28379
HAHNEMANN 919 895-5253

78. ROBESON COMPONENT SOCIETY

OFFICERS—**President:** Barbara M. Jordan, M.D., Lumberton (919 738-5261)
Secretary: Edward B. Knight, III, M.D., Lumberton (919 738-7551)

ADAMS, WILLIAM CHAMBLISS PD AC
103 W. 27TH ST. 78 80 82
LUMBERTON 28358
MED COLL OF VA 919 739-3318

ALEXANDER, JOSEPH BLACK IM AC
395 W. 27TH STREET 47 48 50
LUMBERTON 28358
BOWMAN GRAY 919 739-7551

ANDREWS, BOB BARCUS PTH AC
P. O. BOX 847 51 57 57
LUMBERTON 28359
U OF KANSAS 919 738-6441

BAILEY, JOHN RICHARD OPH AC
205 W. 29TH STREET 62 69 70
LUMBERTON 28358
MED U OF SC 919 738-4856

BAKER, HORACE MITCHELL,JR. GS AC
P. O. BOX 1171 44 44 48
LUMBERTON 28358
DUKE 919 738-8571

BEASLEY, CHARLES RONALD IM /PUD AC
206 W. 27TH STREET 80 82 78
LUMBERTON 28358
DUKE 919 738-1421

†BENDER, JOHN JOSEPH GP L
P. O. BOX 630 35 37 39
DECEASED -- 5-18-86
RED SPRINGS 28377
COLLEGE OF P&S 919 843-4228

BERNE, FREEMAN ALBERT DR AC
P. O. DRAWER 1527 64 64 70
LUMBERTON 28358
DUKE 919 738-8222

BIGGS, JOHN IRVIN ORS L/RT
1406 N. ELM ST. 33 37 38
PO BOX 1004
LUMBERTON 28358
NORTHWESTERN U 919 739-6093

BRADFORD, ARTHUR LOUIS FP AC
123 E. BROAD STREET 74 74 76
ST. PAULS 28384
HOWARD U 919 865-5170

BRITT, SAMUEL EMERSON, II GS AC
295 W. 27TH ST. 80 80 79
LUMBERTON 28358
BOWMAN GRAY 919 738-8556

BROOKS, MARTIN LUTHER GP AC
711 HIGHWAY E. 57 58 80
P. O. BOX 37
PEMBROKE 28372
U OF MICHIGAN 919 521-4221

BROWN, ERNEST HYDE, JR. OBG AC
4300 FAYETTEVILLE ROAD 57 57 63
LUMBERTON 28358
U OF NC 919 738-9601

BURKE, ANNETTE BLACKMON PD AC
4117 VANN DRIVE 78 79 83
LUMBERTON 28358
BOWMAN GRAY 919 739-0243

BURKE, JOSEPH ANTHONY R AC
4117 VANN DRIVE 64 66 83
LUMBERTON 28358
GEORGETOWN U 919 276-2121

BURLESON, WILLIAM ROWELL U AC
101 WEST 27TH STREET 64 64 71
LUMBERTON 28358
U OF NC 919 738-7166

CLARK, DOUGLAS HENDON GS AC
295 WEST 27TH STREET 45 45 52
LUMBERTON 28358
U OF PENN 919 738-8556

CONRAD, LARRY LEE EM AC
5307 FAYETTEVILLE RD. 64 64 86
LUMBERTON 28358
INDIANA U 919 738-6441

CROOM, ROBERT DEVANE, JR. GP L/RT
501 MCCASKILL AVE. 34 34 37
MAXTON 28364
MED COLL OF VA 919 844-3160

DEVINE, GERARD MICHAEL IM AC
395 WEST 27TH STREET 73 73 77
LUMBERTON 28358
ST U OF NEW YORK 919 739-7551

DOUGLAS, ARTHUR EUGENE, JR. P AC
209 W. 27TH STREET 59 59 65
LUMBERTON 28358
U OF NC 919 738-8230

DUNLAP, JACK ERWYN ORS AC
4320 FAYETTEVILLE ROAD 52 61 61
LUMBERTON 28358
U OF TENNESSEE 919 739-0634

ERICKSON, REED ALAN FP AC
1212 S. WALNUT ST. 82 83 86
FAIRMONT 28340
RUTGERS MED SCH 919 628-6711

FAX, JOHN NICHOLAS, JR. ORS AC
204 W. 28TH STREET 66 69 84
LUMBERTON 28358
U OF OREGON 919 739-4313

FLEMING, CHRISTOPHER PAUL OPH AC
202 W. 28TH ST. 77 78 82
LUMBERTON 28358
CASE WESTERN RES 919 739-0606

GASQUE, BOYD BENNETT, JR. DR AC
P. O. DRAWER 1527 77 77 82
LUMBERTON 28359
U OF NC 919 738-8222

HA, KHIE SEM FP AC
229 S. MAIN STREET 68 76 77
RED SPRINGS 28377
NATL TAIWAN U 919 843-4117

HARDIN, JAMES BENFORD FP AC
206 W. 28TH STREET 77 77 75
LUMBERTON 28358
U OF NC 919 739-8164

HEDGPETH, WILLIAM CAREY GYN L
P. O. BOX 1021 34 33 36
LUMBERTON 28358
NORTHWESTERN U 919 739-4923

HEGDE, SADANADA BELINJE CD AC
4384 FAYETTEVILLE RD. 73 77 83
LUMBERTON 28358
KASTURBA U 919 738-1141

HENDRICKS, ANDREW ADAM D AC
102 WEST 27TH STREET 74 76 81
LUMBERTON 28358
U OF VIRGINIA 919 738-7154

HEPLER, JOHN DAVIS OBG AC
403 WEST 27TH STREET 69 69 79
LUMBERTON 28358
U OF VIRGINIA 919 739-2846

HOEKSTRA, JOHN ARTHUR IM /AI AC
395 W. 27TH STREET 75 79 83
LUMBERTON 28358
U OF ILLINOIS 919 739-7551

HOFFMAN, CARL WHITE R AC
BARKER--TEN MILE RD. 67 67 73
PO BOX 1527
LUMBERTON 28358
BOWMAN GRAY 919 739-9788

HOOKS, RICHARD EUGENE GP AC
123 N. SECOND STREET 47 47 48
ST. PAULS 28384
U OF MARYLAND 919 865-5114

INMAN, CHARLES ERNEST FP AC
1212 S. WALNUT ST. 51 53 53
FAIRMONT 28340
DUKE 919 628-6711

JOHNSON, CHARLES THOMAS, JR. FP AC
222 S. MAIN STREET 53 53 53
RED SPRINGS 28377
JEFFERSON 919 843-4576

JORDAN, BARBARA MOORE P AC
207 W. 29TH STREET 54 54 59
LUMBERTON 28358
U OF NC 919 738-5261

JORDAN, RICHARD LIMING FP AC
2608 N. ELM STREET 71 71 80
LUMBERTON 28358
VANDERBILT U 919 738-9381

KARIM-JETHA, ZAHEER AN AC
202 EDINBOROUGH DR. 80 82 86
LUMBERTON 28358
CORNELL U 919 738-8154

KNIGHT, EDWARD BERT, III PUD /IM AC
27TH STREET 76 77 84
LUMBERTON 28358
MED U OF SC 919 738-7551

KOPP, JEFFREY ALLEN FP AC
1212 S. WALNUT ST. 82 84 86
FAIRMONT 28340
U OF KENTUCKY 919 628-6711

LAWRENCE, JOHN CHARLES GS AC
P. O. BOX 1068 50 57 57
LUMBERTON 28358
VANDERBILT U 919 738-8571

LEE, HENRY NEILL, JR. IM AC
395 WEST 27TH STREET 56 56 62
LUMBERTON 28358
U OF NC 919 739-7551

MCCORMICK, CAROLYN BRUMM FP AC
500 W. 27TH STREET 72 72 76
LUMBERTON 28358
U OF IOWA 919 738-3718

MCJILTON, ROY ALAN OTO AC
201 W. 28TH STREET 64 64 84
LUMBERTON 28358
ST LOUIS U 919 738-4226

MEYER, HOBART, JR. OBG AC
4300 FAYETTEVILLE ROAD 56 67 67
LUMBERTON 28358
TULANE U 919 738-9601

ROBESON COMPONENT SOCIETY (Continued)

NAIK, SOMNATH IM /PUD AC
4209 ALDWYCH ST. 75 76 83
LUMBERTON 28358
U OF BOMBAY 919 738-1141

NETTLES, GEORGE STUEARD IM AC
2505 N. ELM STREET 63 63 71
LUMBERTON 28358
MED U OF SC 919 739-2854

PARRISH, GLENN CADE AN AC
3580 ROSEWOOD DRIVE 67 67 73
LUMBERTON 28358
MED COLL OF GA 919 738-8154

PARSONS, LACY JACK OBS L/RT
2204 ROWLAND AVENUE 42 43 46
LUMBERTON 28358
NEW YORK U 919 739-6431

PITTMAN, ALFRED ROWLAND, JR. IM AC
2606 N. ELM STREET 45 45 48
LUMBERTON 28358
DUKE 919 739-3362

RICHARDSON, DAVID LEE IM AC
395 WEST 27TH STREET 74 77 74
LUMBERTON 28358
DUKE 919 739-7551

ROZIER, JOHN CHARLES, JR. OBG AC
4300 FAYETTEVILLE ROAD 67 67 76
LUMBERTON 28358
BOWMAN GRAY 919 738-9601

RYAN, WILLIAM SCOTT PD AC
103 W. 27TH ST. 73 74 85
LUMBERTON 28358
U OF KANSAS 919 739-3318

SATTLER, RAYMOND LOUIS NS AC
202 WEST 27TH STREET 77 77 83
LUMBERTON 28358
CASE WESTERN RES 919 738-7146

STRAWCUTTER, HOWARD E. U AC
101 W. 27TH STREET 50 53 56
LUMBERTON 28358
JEFFERSON 919 738-7166

THOMAS, JOSEPH MARTIN AN AC
300 WISTERIA DR. 81 82 85
LUMBERTON 28358
NJ COLL OF MED 919 738-8154

THOMPSON, MARVIN WHITAKER PTH AC
P. O. BOX 847 62 62 67
LUMBERTON 28359
BOWMAN GRAY 919 738-6441

VILLANI, PETER LOUIS GS /CDS AC
33 TRINITY DRIVE 72 73 82
LUMBERTON 28358
WEST VA U 919 738-8556

WARD, D. E., JR. GS AC
2604 N. ELM STREET 45 45 53
LUMBERTON 28358
BOWMAN GRAY 919 738-4276

WESTER, THADDEUS BRYAN PD /PH AC
ROUTE #4, BOX 388 51 53 54
LUMBERTON 28358
DUKE 919 738-7231

WESTFALL, ARLIE HAROLD OBG AC
4300 FAYETTEVILLE ROAD 55 66 67
LUMBERTON 28358
MED COLL OF VA 919 738-9601

WILLIAMSON, WARREN LIGON GS AC
295 WEST 27TH STREET 66 66 74
LUMBERTON 28358
LA STATE U 919 738-8556

YOUNG, ROBERT LASSITER, JR. PD AC
103 WEST 27TH STREET 61 61 66
LUMBERTON 28358
DUKE 919 739-3318

79. ROCKINGHAM COMPONENT SOCIETY

OFFICERS—**President:** John W. Keeling, M.D., Reidsville (919 342-6116)
Secretary: Neil M. DeStefano, M.D., Reidsville (919 349-8484)
Executive Secretary: Jo Ann Garrison, Annie Penn Hospital, Reidsville 27320 (919 349-8461)

BAKER, HERBERT MARVIN FP AC
546 MORGAN ROAD 57 57 58
EDEN 27288
LOMA LINDA U 919 627-1129

BALSLEY, ROBERT EUGENE EM /PD AC
825 CRESCENT DRIVE 44 44 50
REIDSVILLE 27320
U OF VIRGINIA 919 349-6335

BRADFORD, WILLIAM STRONG GS AC
629 S. MAIN ST. 80 82 86
REIDSVILLE 27320
U SANTO DOMINGO 919 349-4024

BURKHART, CECIL ROBERT PTH /CLP AC
1006 OAKCREST DRIVE 58 67 68
REIDSVILLE 27320
U OF CINCINNATI 919 349-8461

CALL, DAVID LEE DR AC
MOREHEAD MEM. HOSP.-RAD. 77 77 82
EDEN 27288
U OF NC 919 623-9711

CATENACCI, RICHARD AN AC
1114 MAIDEN LANE, APT. 10 78 79 86
REIDSVILLE 27320
HAHNEMANN 919 349-8461

CHARLES, MICHAEL JOHN ORS AC
307 W. MOREHEAD ST. 63 68 85
REIDSVILLE 27320
NEW YORK MED COL 919 342-6116

CLARKE, LEN GORDON FP AC
701 S. VAN BUREN ROAD 48 49 53
EDEN 27288
BOWMAN GRAY 919 623-6836

COUNCIL, ALBERT BARBEE, JR. GP AC
701 S. VAN BUREN ROAD 51 51 56
EDEN 27288
BOWMAN GRAY 919 623-1514

COX, ALEXANDER MCNEIL GP L/RT
325 S. MARKET STREET 32 32 38
MADISON 27025
MED COLL OF VA 919 548-2240

CRESENZO, VICTOR MICHAEL CD RT
18210 PALO VERDE DRIVE 43 43 48
SUN CITY, AZ 85373
BOWMAN GRAY 602 977-3874

DEMASON, MARC GS AC
518 S. VAN BUREN ROAD 78 80 84
EDEN 27288
U OF MICHIGAN 919 623-9118

EDWARDS, JOHN REYNOLDS ORS AC
P. O. BOX 1088 74 75 81
EDEN 27288
MED COLL OF VA 919 627-5216

FLEISHMAN, HENRY ARNOLD GS /CD AC
515 THOMPSON ST., STE. B 74 75 80
EDEN 27288
EMORY U 919 623-9118

FORBES, THOMAS EARL FP L/RT
P. O. BOX 659 40 40 42
REIDSVILLE 27320
JEFFERSON 919 349-5324

FREEMAN, TYLER IRA IM /GPM AC
511 BRIARWOOD DR. 59 60 82
EDEN 27288
CHICAGO MED SCH 919 627-3081

FRENETTE, FRANCIS FLO OBG AC
705 VAN BUREN ROAD, BLDG. #3 57 66 67
EDEN 27288
DALHOUSIE U 919 623-9158

HAINES, CARROLL FOGG, JR. OPH AC
515 THOMPSON ST., STE. A 78 82 84
EDEN 27288
HAHNEMANN 919 627-5271

HOWARD, KEVIN PRICE FP AC
518 S. VAN BUREN RD., STE. #8 82 83 86
EDEN 27288
WAYNE STATE U 919 623-5171

JOYCE, CHARLES WELDON GP AC
401 W. DECATUR ST. 47 48 49
MADISON 27025
BOWMAN GRAY 919 548-9618

KEELING, J. WAYNE ORS AC
307 W. MOREHEAD STREET 75 76 81
REIDSVILLE 27320
MED COLL OF VA 919 342-6116

KHAN, ANWAAR AHMED GE /IM AC
829 S. SCALES STREET 74 74 81
REIDSVILLE 27320
NISHTAR MED COLL 919 342-6196

LAUZAU, FRANK JUSTIN IM AC
518 S. VAN BUREN RD. #7 81 82 85
EDEN 27288
U OF NC 919 623-4304

LEWIS, CHARLES PELL, JR. OPH /OTO AC
1307 COACH RD. 50 52 56
PO BOX 329
REIDSVILLE 27320
DUKE 919 342-0588

LOTHIAN, GEORGE GENE FP AC
P. O. BOX 1857 68 68 74
REIDSVILLE 27320
U OF NC 919 349-5040

MABE, PAUL ALEXANDER, JR. FP AC
1123 S. MAIN STREET 53 54 56
REIDSVILLE 27320
DUKE 919 342-4286

MACRI, ANTHONY JOHN PTH AC
311 DOGWOOD DRIVE 62 63 74
EDEN 27288
JEFFERSON 919 623-9711

MCGOUGH, WILLIAM MARION EM /FP AC
1403 PENNROSE DR. 81 81 84
REIDSVILLE 27320
U OF MISSISSIPPI 919 349-8461

MCINNIS, ANGUS GUY FP AC
1123 S. MAIN STREET 57 57 63
REIDSVILLE 27320
DUKE 919 342-4286

MOORE, DONALD WILSON FP AC
401 W. DECATUR ST. 76 80 81
MADISON 27025
BOWMAN GRAY 919 548-9618

MORICLE, CHARLES HUNTER GS /ABS L/RT
1223 CRESCENT DR. 39 39 42
REIDSVILLE 27320
U OF MARYLAND 919 349-8590

NASH, CARL WILLIAM R AC
608 LINDEN DRIVE 62 62 74
EDEN 27288
U OF ARKANSAS 919 623-9711

PAYNE, CLIFTON GADBERRY FP AC
P. O. DRAWER 1857 56 56 60
REIDSVILLE 27320
U OF NC 919 349-5040

QURESHI, AYYAZ MAHMOOD IM /ON AC
505 N. THIRD AVE. 75 75 85
MAYODAN 27027
DOW MED COLLEGE 919 548-2456

REYNOLDS, ERNEST HAROLD FP L
P. O. BOX 330 35 35 36
REIDSVILLE 27320
NEW YORK U 919 349-3332

RICHARDSON, GEORGE IRVIN FP AC
P. O. BOX 1857 55 55 58
REIDSVILLE 27320
U OF NC 919 349-5040

SACRINTY, NICHOLAS WILLIAM IM /GE AC
608 LINDEN DR. 52 52 60
EDEN 27288
BOWMAN GRAY 919 623-9794

TRUSLOW, ROY EARL R AC
618 S. MAIN STREET 45 45 53
REIDSVILLE 27320
BOWMAN GRAY 919 349-8461

WALKER, WILLIAM W. ASHHURST D AC
608 LINDEN DR. 55 57 83
EDEN 27288
U OF VIRGINIA 919 627-8585

ROCKINGHAM COMPONENT SOCIETY (Continued)

WHITLEY, ROBERT RILEY FP AC 68 68 74
P. O. BOX 1689
REIDSVILLE 27320
U OF NC 919 349-5040

WOODWARD, ROBERT WARREN OBG AC 61 82 83
517 WOODROW ST.
PO BOX 448
REIDSVILLE 27320
U OF CHICAGO 919 342-6161

YOUNG, CHARLES GIBSON IM /OM AC 53 54 74
403 W. HARRISON STREET
P. O. BOX 359
REIDSVILLE 27320
DUKE 919 349-5536

80. ROWAN COMPONENT SOCIETY

OFFICERS—**President:** David N. Smith, M.D., Salisbury (704 636-6632)
Secretary: W. A. Cline, Jr., M.D., Salisbury (704 633-9441)

AGNER, ROY AUGUSTA, JR. IM AC 51 52 55
611 MOCKSVILLE AVENUE
SALISBURY 28144
DUKE 704 633-7220

AGNER, ROY CHRISTOPHER IM AC 75 77 79
611 MOCKSVILLE AVENUE
SALISBURY 28144
DUKE 704 636-9820

BACHL, FREDERICK JOSEPH PD AC 64 67 74
720 GROVE STREET
SALISBURY 28144
TUFTS U 704 636-5576

BAILEY, HILDA HART PD AC 45 46 47
102 MOCKSVILLE AVENUE
SALISBURY 28144
U OF PENN 704 633-3727

BARR, JOHN FINDLEY AC 80 81 86
CLEVELAND FAMILY PRACTICE
PO BOX 295
CLEVELAND 27013
HAHNEMANN

BLACK, KYLE EMERSON GS L 38 41 46
825 W. HENDERSON STREET
SALISBURY 28144
U OF MICHIGAN 704 636-5510

BLACK, WINSEL O'NEAL GP AC 61 62 67
601 MOCKSVILLE AVENUE
SALISBURY 28144
HOWARD U 704 633-5048

BLOUNT, JOHN MYERS, III FP /OM AC 60 60 62
130 WOODSON ST.
SALISBURY 28144
U OF NC 704 637-3207

BUMGARNER, JOHN HENRY AN /PUD AC 66 67 67
P. O. BOX 1735
SALISBURY 28144
MED COLL OF VA 704 638-1000

BUSBY, MERLE RUDY GS AC 70 70 79
901 W. HENDERSON STREET
SALISBURY 28144
DUKE 704 633-1581

BUSBY, TRENT GYN AC 46 53 54
901 W. HENDERSON STREET
SALISBURY 28144
JOHNS HOPKINS 704 633-1581

CARLTON, THOMAS KERN, JR. PD AC 63 63 72
720 GROVE STREET
SALISBURY 28144
DUKE 704 636-5576

CLINE, WAYNE ALLEN U AC 46 47 53
909 W. HENDERSON STREET
SALISBURY 28144
BOWMAN GRAY 704 633-9441

CLINE, WAYNE ALLEN, JR. U AC 76 76 83
909 W. HENDERSON STREET
SALISBURY 28144
BOWMAN GRAY 704 633-9441

COFFEY, JAMES CECIL GP L 37 37 40
8 PINE TREE ROAD
SALISBURY 28144
EMORY U 704 633-3794

CORPENING, JOSEPH DURHAM PD AC 52 54 56
720 GROVE STREET
SALISBURY 28144
DUKE 704 636-5576

CRAWFORD, JOHN ROBERT, III OPH AC 66 66 71
310 N. MAIN STREET
SALISBURY 28144
U OF NC 704 633-7542

DONNELLY, GRANT LESTER PUD RT 33 33 68
240 WINDSOR DRIVE
SALISBURY 28144
DUKE 704 637-0905

EDDINGER, CHARLES FREDERICK FP AC 55 55 57
P. O. BOX 45
SPENCER 28159
U OF NC 704 636-1720

ERB, NORRIS SCRIBNER U AC 44 46 47
8 OAK ROAD
SALISBURY 28144
MED COLL OF VA 704 633-2449

EVERHART, GEORGE RAYMOND, III FP AC 77 78 84
201 WOODSON STREET
SALISBURY 28144
BOWMAN GRAY 704 637-3373

FARRINGTON, CECIL MURRAY, JR. FP AC 72 72 77
322 MOCKSVILLE AVENUE
SALISBURY 28144
U OF NC 704 637-1123

FEEZOR, CHARLES NOEL FP L 37 37 40
6 PINETREE ROAD
SALISBURY 28144
TEMPLE U 704 633-1787

FIELD, BOB LEWIS FP L 31 31 39
1239 W. HENDERSON ST.
SALISBURY 28144
MED COLL OF VA 704 636-0732

GINN, THOMAS MOSS IM AC 75 75 73
319 MOCKSVILLE AVE.
SALISBURY 28144
BOWMAN GRAY 704 637-3538

GISH, LARRY MORGAN IM AC 64 64 72
611 MOCKSVILLE AVENUE
SALISBURY 28144
BOWMAN GRAY 704 633-7220

GOODWIN, JOEL SEXTON OBG AC 59 59 68
315 MOCKSVILLE AVENUE
SALISBURY 28144
U OF NC 704 636-9270

GOSS, FREDERICK UHL IM AC 80 81 77
611 MOCKSVILLE AVE.
SALISBURY 28144
U OF NC 704 633-7220

GREEN, PAUL, JR. GYN AC 51 56 58
315 G MOCKSVILLE AVE.
SALISBURY 28144
DUKE 704 636-9270

GULYN, ANNA BAUHOFER GP AC 57 62 74
117 PINETREE ROAD
SALISBURY 28144
U OF INNSBRUCK 704 636-2351

GULYN, BOHDAN EMANUEL P /GP RT 40 40 75
117 PINETREE ROAD
SALISBURY 28144
U OF WIEN 704 633-7770

HALL, BAHNSON DAVID OBG AC 74 74 81
315 MOCKSVILLE AVENUE
SALISBURY 28144
BOWMAN GRAY 704 636-9270

HALL, JOSEPH CULLEN OBG L/RT 42 42 48
305 STUART DRIVE
SALISBURY 28144
VANDERBILT U 704 633-9508

HOLT, CHARLES RICHARD EM /GS AC 52 57 80
17 CAMELOT RD., KINGS FOREST
SALISBURY 28144
BOSTON U 704 637-7504

JACKSON, JOSEPH A., III OPH AC 66 67 73
800 W. CEMETERY STREET
SALISBURY 28144
U OF FLORIDA 704 633-0345

JORDAN, RICHARD DORN R AC 61 61 67
7 PINETREE ROAD
SALISBURY 28144
U OF NC 704 633-1022

KOONTZ, WAYNE CARSON PD AC 64 64 69
720 GROVE STREET
SALISBURY 28144
BOWMAN GRAY 704 636-5576

LAMM, LEROY BARDEN P AC 46 46 77
P. O. BOX 427
ROCKWELL 28138
BOWMAN GRAY 704 279-7034

LOCKERT, CHARLES RAY ORS AC 62 66 69
102 MOCKSVILLE AVENUE
SALISBURY 28144
VANDERBILT U 704 637-0500

LOMAX, DONALD HENRY FP AC 51 51 55
KETNER CENTER
SALISBURY 28144
BOWMAN GRAY 704 636-5626

LOMBARD, R. ELIZABETH FP AC 53 54 54
P. O. BOX 457
ROCKWELL 28138
LOMA LINDA U 704 279-7227

MARSH, FRANK BAKER IM L/RT 19 20 22
725 LAKE DRIVE
SALISBURY 28144
JEFFERSON 704 633-2344

MARTIN, RICHARD W. GS AC 57 66 67
327 MOCKSVILLE AVE.
PO BOX 1665
SALISBURY 28144
CORNELL U 704 637-2750

MASON, WILLIAM TERRY ORS AC 66 66 76
400 MOCKSVILLE AVENUE
SALISBURY 28144
U OF MARYLAND 704 633-6044

MAYRAND, ELIZABETH PTH AC 45 64 69
701 BARKER ST.
SALISBURY 28144
U OF ILLINOIS 919 998-8433

MCELROY, RICHARD ALLEN GP AC 52 56 57
P. O. BOX 186
LANDIS 28088
TULANE U 704 857-2711

MCKENZIE, EDWARD BURT GS AC 51 56 57
709 BARKER STREET
SALISBURY 28144
U OF ROCHESTER 704 633-3441

MILLER, ALMA ELIZABETH P /IM AC 49 54 72
1111 CRESTVIEW DRIVE
SALISBURY 28144
MEHARRY MED COLL 704 637-2729

MURPHY, THOMAS LYNCH GE /GE AC 43 43 54
116 RUTHERFORD STREET
SALISBURY 28144
HARVARD 704 633-2732

NEWMAN, HAROLD H., JR. GP /OM AC 45 45 48
516 MOCKSVILLE AVENUE
SALISBURY 28144
JOHNS HOPKINS 704 633-7070

OLIVER, JOSEPH ANDREW FP L 33 34 37
P. O. BOX 458
ROCKWELL 28138
LOMA LINDA U 704 279-7227

PARADA, MALCOLM PERRY OBG AC 64 64 71
315 MOCKSVILLE AVENUE
SALISBURY 28144
U OF CINCINNATI 704 636-9270

PARROTT, FRANK STRONG GS L/RT 43 43 54
P. O. BOX 637
SALISBURY 28144
U OF MARYLAND 704 633-4546

POTTS, RONALD SARGENT PTH AC 54 59 82
115 WAVERLY CIRCLE
SALISBURY 28144
MCGILL U 704 633-7765

ROWAN COMPONENT SOCIETY (Continued)

RENDLEMAN, DAVID ATWELL, JR. FP AC
44 44 48
P. O. BOX 4327
SALISBURY 28144
EMORY U 704 633-0844

REYNOLDS, JAMES W., JR. OTO /A AC
64 64 72
826 W. HENDERSON STREET
SALISBURY 28144
U OF NC 704 633-8276

REYNOLDS, JOHN OZMENT, JR. OPH AC
71 71 76
410 MOCKSVILLE AVE.
SALISBURY 28144
U OF NC 704 637-0158

ROBERTSON, LLOYD HARVEY, JR. U AC
60 60 65
909 W. HENDERSON STREET
SALISBURY 28144
DUKE 704 633-9441

SCOTT, ALAN FULTON FP AC
43 43 47
P. O. BOX 63
SALISBURY 28144
U OF PENN 704 636-5431

SEIFFERT, INGEBORG EM /IM AC
52 52 79
2500 W. INNES STREET
SALISBURY 28144
U FREIBURG,GERM 704 636-5932

SHAFER, FRANK TYACK IM AC
51 51 52
P. O. BOX 2129
SALISBURY 28144
BOWMAN GRAY 704 636-1826

SHANNON, WILLIAM GARY AN AC
72 72 75
ROUTE #8, BOX 315
SALISBURY 28144
BOWMAN GRAY 704 637-3599

SHINN, GEORGE CLYDE GP L
33 33 40
111 N. MAIN STREET
CHINA GROVE 28023
U OF MARYLAND 704 857-7098

SKOWRONEK, DAVID GORDON EM /ORS AC
74 74 79
11 SPICEWOOD LANE
SALISBURY 28144
BOWMAN GRAY 704 638-1035

SLOOP, NORMAN RAY GP AC
59 59 62
310 STATESVILLE BOULEVARD
SALISBURY 28144
BOWMAN GRAY 704 636-5326

SMITH, DAVID NIMMONS IM /CD AC
66 66 67
102 MOCKSVILLE AVE., STE. 103
SALISBURY 28144
BOWMAN GRAY 704 636-6632

SMITH, JAY LELAND, JR. GP AC
42 42 46
P. O. BOX 85
SPENCER 28159
JEFFERSON 704 636-8046

SPARGO, JOHN PRICHARD FP AC
55 55 59
P. O. BOX 278
COOLEEMEE 27014
BOWMAN GRAY 704 284-2331

SPENCER, ALLEN GS /GYN AC
54 54 60
820 W. HENDERSON STREET
SALISBURY 28144
U OF NC 704 633-2883

SPENCER, FREDERICK B., JR IM AC
45 45 48
820 W. HENDERSON STREET
SALISBURY 28144
MED COLL OF VA 704 636-5016

STEELE, ROBERT GIBSON ORS AC
73 74 78
400 MOCKSVILLE AVENUE
SALISBURY 28144
EMORY U 704 633-6442

STEIMEL, HERBERT ANTON EM AC
60 62 84
121 WELLINGTON DRIVE
SALISBURY 28144
SYRACUSE 704 638-1035

SWANEY, PAUL EUGENE GS AC
78 79 84
310 STATESVILLE BLVD.
SALISBURY 28144
OHIO STATE U 704 876-3007

TANNEHILL, ROBERT BRUCE PD AC
59 62 62
720 GROVE STREET
SALISBURY 28144
MED COLL OF GA 704 636-5576

THOMPSON, WILLARD RAY OTO AC
69 69 77
102 MOCKSVILLE AVENUE
SALISBURY 28144
MED COLL OF VA 704 637-3344

THURSTON, THOMAS G., II R /NM AC
41 41 47
P.O. DRAWER 2608
SALISBURY 28144
HARVARD 704 636-0848

THURSTON, THOMAS G., III OBG AC
68 68 76
315 MOCKSVILLE AVENUE
SALISBURY 28144
DUKE 704 636-9270

VINOSKI, BERNARD BENEDICT FP /AM AC
53 53 83
18 PINETREE ROAD
SALISBURY 28144
U OF PITTSBURGH 704 636-0777

WALSH, CARLE DOUGLAS D L/RT
31 31 56
921 CONFEDERATE AVENUE
SALISBURY 28144
COLUMBIA U 704 636-2466

WARD, DEMMING MORTON IM AC
74 74 80
319 MOCKSVILLE AVENUE
SALISBURY 28144
BOWMAN GRAY 704 637-3538

WATTS, HUGH BOYD ORS AC
62 62 71
102 MOCKSVILLE AVENUE
SALISBURY 28144
U OF TENNESSEE

WEAR, JOHN EDMUND R AC
46 52 52
102 MOCKSVILLE AVE., #206
SALISBURY 28144
NORTHWESTERN U 704 633-1022

WEBB, WILLIAM WHITAKER, JR. D AC
71 71 79
400-C MOCKSVILLE AVENUE
SALISBURY 28144
U OF NC 704 636-0971

WHICKER, WINFRY EVANS FP AC
63 63 66
P. O. BOX 595
CHINA GROVE 28023
BOWMAN GRAY 704 857-1108

WOOTEN, WAYNE BROWN DR AC
74 74 78
102 MOCKSVILLE AVE. #206
SALISBURY 28144
BOWMAN GRAY 704 633-1023

WRIGHT, RICHARD B., JR. FP /AN AC
42 42 47
102 MOCKSVILLE AVENUE
SALISBURY 28144
TULANE U 704 633-6010

81. RUTHERFORD COMPONENT SOCIETY

OFFICERS—**President:** Douglas D. Sheets, M.D., Rutherfordton (704 287-7383)
Secretary: James Van Jura, M.D., Rutherfordton (704 286-2302)

BECKNELL, GEORGE F., JR. GP AC
51 52 53
407 S. BROADWAY
FOREST CITY 28043
MED U OF SC 704 245-4838

CARTER, JOHN JEFFERSON, JR. P AC
75 76 85
CITY RT. #3, 311 FAIRGROUND RD
SPINDALE 28160
U OF ALABAMA 704 287-2211

ELIZONDO, MERCEDITAS O. GP /PTH AC
64 77 82
20 N. MAIN STREET
CLIFFSIDE 28024
CEBA INST OF MED 704 657-9742

FRY, GERALD LOUIS AN AC
66 67 76
15 CHIMNEY ROCK ROAD
RUTHERFORDTON 28139
U OF IOWA 704 287-4305

HARDING, ROBERT WILLIAM IM AC
64 65 71
NORRIS-BIGGS CLINIC
RUTHERFORDTON 28139
ST U OF NY-BUFF

HUGHES, JOE DON OBG AC
59 64 65
P. O. BOX 1208
RUTHERFORDTON 28139
U OF TEXAS 704 287-7383

HYDE, AUSTIN TABER, JR. A /IM AC
51 54 57
NORRIS-BIGGS CLINIC
PO BOX 970
RUTHERFORDTON 28139
U OF VIRGINIA 704 286-9036

JAMES, CHARLES NEWTON FP AC
67 68 69
P. O. BOX 518
CAROLEEN 28019
MED COLL OF VA 704 657-5371

JASKI, THOMAS JOHN GE /IM AC
67 67 74
NORRIS-BIGGS CLINIC
P. O. BOX 970
RUTHERFORDTON 28139
ST LOUIS U 704 286-9036

LESHER, DONALD TICE DR AC
76 76 81
909 N. WASHINGTON STREET
RUTHERFORDTON 28139
U OF TENNESSEE 704 287-7371

LLOYD, HARRY DAVIDSON U AC
64 66 72
NORRIS-BIGGS CLINIC
RUTHERFORDTON 28139
U OF FLORIDA 704 286-9036

LOVELACE, THOMAS CLAUDE GP /OBS L/RT
17 20 20
P. O. BOX 295
HENRIETTA 28076
NC MED COLL 704 657-5118

MEBANE, JOHN GILMER IM L/RT
41 48 49
P. O. BOX 1405
RUTHERFORDTON 28139
HARVARD 704 287-3515

MITCHELL, LANDIS PATTERSON FP L
38 40 41
200 OHIO STREET
SPINDALE 28160
WASHINGTON U 704 286-2391

MOORING, STEWART LEE R /NM AC
55 55 62
RUTHERFORD HOSPITAL
RUTHERFORDTON 28139
U OF NC 704 287-7371

MOSS, GEORGE OREN GP /PH L/RT
27 28 29
ROUTE #1, BOX 397JJ
BOSTIC 28018
EMORY U 704 245-2853

RADFORD, HOWARD LEE FP AC
54 54 56
P. O. BOX 427
CLIFFSIDE 28024
BOWMAN GRAY 704 657-5221

ROGERS, HOBART RAY ORS /HS AC
63 63 72
NORRIS-BIGGS CLINIC
RUTHERFORDTON 28139
BOWMAN GRAY 704 286-9036

SELF, JERRY LEE DR AC
77 77 75
PO BOX 886
217 W. SECOND ST.
RUTHERFORDTON 28139
U OF NC 704 287-2984

SHAPIRO, WILLIAM HARTMAN IM /CD AC
61 61 69
NORRIS-BIGGS CLINIC
RUTHERFORDTON 28139
OHIO STATE U 704 286-9036

SHEETS, DOUGLAS DEAN OBG AC
74 74 81
TRYON RD., PO BOX 1208
RUTHERFORDTON 28139
INDIANA U 704 287-7383

TANNER, KENNETH SPENCER, JR. GS L
43 47 48
RUTHERFORD HOSPITAL
RUTHERFORDTON 28139
HARVARD 704 286-9036

VAN JURA, JAMES FP AC
79 79 84
121 TRYON ROAD
RUTHERFORDTON 28139
OHIO STATE U 704 286-2302

WHEELER, MICHAEL STEVENS PTH AC
77 79 75
15 SQUIRREL DEN DRIVE
RUTHERFORDTON 28139
U OF NC 704 287-7371

RUTHERFORD COMPONENT SOCIETY (Continued)

WHITWORTH, CLAUDE PHILLIP IM AC
79 81 85
RT. 3, BOX 315 BB
FOREST CITY 28043
U OF NC 704 286-9036

WINKER, JOEL EDWARD OBG AC
63 64 73
P. O. BOX 1208
RUTHERFORDTON 28139
CORNELL U 704 287-7383

82. SAMPSON COMPONENT SOCIETY

OFFICERS—**President:** John E. Scarff, Jr., M.D., Clinton (919 592-7129)
Secretary: Agapito L. Fajardo, M.D., Clinton (919 592-1462)

AYERS, JAMES SALISBURY FP L
32 32 37
PROFESSIONAL BUILDING
CLINTON 28328
JEFFERSON 919 592-2541

BARR, FALVY CARL, JR. PTH /FOP AC
72 75 82
404 BUTLER DRIVE
CLINTON 28328
LA STATE U 919 592-8511

CALDWELL, BRUCE FRANCIS EM /GS AC
63 63 70
P. O. BOX 1006
CLINTON 28328
U OF NC 919 592-8511

CALLISON, CAROLINE H. PH L/RT
39 61 62
P. O. BOX 433
CLINTON 28328
MED U OF SC 919 592-4894

CARR, HENRY JAMES, JR. IM AC
54 54 62
603 BEAMAN STREET
CLINTON 28328
DUKE 919 592-6114

CROUTCHER, DONALD LEWIS R /NM AC
66 67 77
P. O. BOX 1130
CLINTON 28328
U OF KENTUCKY 919 592-6924

DAMBECK, ALLYN BENARD EM AC
54 56 78
312 FOX LAKE DRIVE
CLINTON 28328
U OF VERMONT 919 592-8511

EHRLICHMAN, GLORIA S. PD AC
55 56 74
603 BEAMAN STREET
CLINTON 28328
U OF PUERTO RICO 919 592-7712

FAJARDO, AGAPITO LACSON GP AC
71 75 77
102 WARSAW ROAD
CLINTON 28328
U OF SANTO TOMAS 919 592-1462

HERRING, RUFUS MCPHAIL, JR. PD AC
69 69 74
403 FAIRVIEW STREET
CLINTON 28328
BOWMAN GRAY 919 592-6011

HOWARD, JOSEPH COOPER, JR. GS AC
42 42 47
HOSPITAL PROF. BLDG.
CLINTON 28328
TEMPLE U 919 592-2167

HUBBARD, HAMPTON U AC
47 47 73
WOODSIDE PROF. BLDG
CLINTON 28328
MED COLL OF VA 919 592-7129

KENDALL, JOHN HAROLD GP L
35 35 35
715 STEWART AVENUE
CLINTON 28328
LOMA LINDA U 919 592-2161

LEAK, FRANK WALTER FP AC
67 67 70
CLINTON MEDICAL CLINIC
CLINTON 28328
U OF NC 919 592-6011

MARGOLIS, JEFFREY ALAN IM AC
78 79 80
603 BEAMON ST.
CLINTON 28328
U OF NC 919 592-6114

NANCE, JOHN WESLEY FP AC
48 49 52
403 FAIRVIEW STREET
CLINTON 28328
BOWMAN GRAY 919 592-6011

NEWTON, JOHN THOMAS FP AC
81 82 78
403 FAIRVIEW ST.
CLINTON 28328
U OF NC 919 592-6011

OWENS, WILLIAM LAWRENCE IM AC
61 61 68
WOODSIDE PROF. BLDG.
CLINTON 28328
U OF NC 919 592-4605

PEAK, LATHAM CONRAD FP AC
51 51 56
ROSEBORO MEDICAL CLINIC
ROSEBORO 28382
BOWMAN GRAY 919 525-5055

PETEET, PAUL HAL IM AC
76 77 85
603 BEAMAN ST.
CLINTON 28328
EMORY U 919 592-6114

ROBERTS, JOHN MILTON, JR. OBG AC
74 74 81
400 COOPER DRIVE
CLINTON 28328
BOWMAN GRAY 919 592-1414

ROUSE, JOHN LAWRENCE, III FP AC
73 73 77
403 FAIRVIEW ST.
CLINTON 28328
BOWMAN GRAY 919 592-6011

ROYAL, DONNIE MARTIN GP L
26 26 28
BOX 156
SALEMBURG 28385
MED COLL OF VA 919 525-4538

SCARFF, JOHN EDWIN, JR. U /GS AC
63 63 80
603 BEAMON STREET
CLINTON 28328
BOWMAN GRAY 919 592-7129

SIY-HIAN, BIENVENIDO CHAN IM /CD AC
71 76 78
603 BEAMAN STREET
CLINTON 28328
U OF EAST 919 592-1545

SMITH, JOHN BRASWELL, JR. FP AC
77 77 80
403 FAIRVIEW STREET
CLINTON 28328
U OF NC 919 592-6011

SUMPIO, BERNARDO D. EM /IM AC
54 77 77
209 FOX LAKE DRIVE
CLINTON 28328
MANILA U 919 592-8847

SURRATT, JOHN PEELER D AC
71 71 78
603 BEAMON ST.
CLINTON 28328
U OF NC 919 592-5583

SWANTON, MARGARET CATHERINE PTH AC
46 49 53
P. O. BOX 1089
CLINTON 28328
JOHNS HOPKINS 919 592-8511

WOODS, THOMAS J. CROFFORD OPH /EM AC
74 76 82
WOODSIDE PROF. BLDG.
CLINTON 28328
U OF MISSISSIPPI 919 592-7860

83. SCOTLAND COMPONENT SOCIETY

OFFICERS—**President:** Fred H. Mabry, Jr., M.D., Laurinburg (919 276-7570)
Secretary: James M. Currin, M.D., Laurinburg (919 276-1340)

ALCINI, JOHN JOSEPH, JR. DR /NM AC
67 68 74
SCOTLAND MEMORIAL HOSPITAL
LAURINBURG 28352
WAYNE STATE U 919 276-2121

BALL, FRANK JERVEY, JR. IM AC
76 78 81
601 LAUCHWOOD DR.
LAURINBURG 28352
MED U OF SC 919 276-7727

CREED, GEORGE OTIS GP AC
42 46 46
P. O. BOX 809
LAURINBURG 28352
MED U OF SC 919 276-0421

CURRIN, JAMES MITCHELL, JR. FP AC
77 77 81
515 LAUCHWOOD DRIVE
LAURINBURG 28352
BOWMAN GRAY 919 276-1340

FRENCH, THOMAS NASH U AC
66 66 75
LAURINBURG SURGICAL CLI.
PO BOX 1808
LAURINBURG 28352
U OF NC 919 276-3541

GIBSON, THOMAS GUTHRIE, JR. GP /OTO AC
57 57 68
P. O. BOX 308
GIBSON 28343
DUKE 919 268-4451

LIAO, FU CHE OTO AC
60 61 75
P. O. BOX 1407
LAURINBURG 28352
TAIWAN U-TAIPEI 919 276-8205

MABRY, FREDERICK HARRISON, JR. PD AC
77 77 75
418 KING STREET
LAURINBURG 28352
U OF NC 919 276-7570

MATTSON, MARK WARREN GS AC
77 78 84
ROUTE #6, STRATFORD DRIVE
LAURINBURG 28352
NORTHWESTERN U 919 276-3541

MCARN, HUGH MUNROE, JR. FP /GP AC
53 53 56
422 KING STREET
LAURINBURG 28352
DUKE 919 276-2100

MCCASKILL, LLOYD CURTIS EM /FP AC
55 55 57
P. O. BOX 788
MAXTON 28364
U OF NC 919 844-3236

MCKEITHEN, MURDOCH RITCHIE OBG AC
53 53 56
P. O. BOX 1808
LAURINBURG 28352
WASHINGTON U 919 276-4432

MCQUEEN, JAMES AUBREY PD AC
70 70 79
418 KING STREET
LAURINBURG 28352
U OF NC 919 276-7570

MITCHENER, JAMES SAMUEL, JR. GS AC
47 47 56
P. O. BOX 1808
LAURINBURG 28352
JOHNS HOPKINS 919 276-3541

NISBETT, DONALD ALWIN FP AC
79 80 85
616 ATKINSON ST.
LAURINBURG 28352
ALBERT EINSTEIN 919 277-0971

PURCELL, WILLIAM ROBERT PD AC
56 56 61
418 KING STREET
LAURINBURG 28352
U OF NC 919 276-7570

RODGERS, THEODORE YOUNG, III ORS AC
52 53 78
507 W. COVINGTON STREET
LAURINBURG 28352
NEW YORK MED COL 919 276-3541

SAVIDGE, THOMAS OLIVER IM /CD AC
60 60 79
601 LAUCHWOOD DR.
LAURINBURG 28352
HAHNEMANN 919 276-7727

SCOTLAND COMPONENT SOCIETY (Continued)

SMITHWICK, JAMES DAVID PD AC
70 70 78
ROUTE #3, BOX 238-B
LAURINBURG 28352
U OF NC 919 276-7570

SUMMERLIN, HARRY HOLLER, SR. FP L
33 33 35
P. O. BOX 506
LAURINBURG 28352
MED U OF SC 919 276-3300

TATUM, BEN SULLIVAN OBG AC
59 60 67
P. O. BOX 1599
LAURINBURG 28352
MED U OF SC 919 276-4432

WILLITTS, BRUCE KIRBY OBG AC
56 56 79
P. O. BOX 1808
LAURINBURG 28352
CASE WESTERN RES 919 276-4432

WINN, BARBARA JANE PETERS IM AC
52 67 68
605 PEDEN STREET
LAURINBURG 28352
MED COLL OF PENN 919 276-6637

84. STANLY COMPONENT SOCIETY

OFFICERS—**President:** Stephen C. Seltzer, M.D., Albemarle (704 982-9144)
Secretary: James E. Drake, M.D., Albemarle (704 249-1515)

BALLENGER, CLAUDE NEWTON, JR. PD AC
54 59 60
1003 N. SIXTH STREET
ALBEMARLE 28001
U OF VIRGINIA 704 982-2133

BARRON, BRUCE JOSEPH GS AC
69 70 77
901 N. THIRD ST.
PO BOX 1398
ALBEMARLE 28001
U OF OTTAWA 919 982-0161

CABUGWASON, LUCILA NOVAL GP AC
63 78 80
28 N. MAIN ST.
PO BOX 726
NORWOOD 28128
CEBA INST OF MED 704 474-3317

DYER, ROBERT KENT U AC
53 64 64
1007 N. SIXTH STREET
ALBEMARLE 28001
U OF VIRGINIA 704 982-9156

EDDINS, GEORGE EDGAR, JR. IM /CD AC
45 51 51
214 E. NORTH STREET
ALBEMARLE 28001
CORNELL U 704 982-1136

FORT, WILKINSON DAVIS OBG AC
60 64 64
1000 N. FIFTH STREET
ALBEMARLE 28001
U OF TENNESSEE 704 982-8112

FREEMAN, WILLIAM HARRISON GS AC
44 44 47
P. O. DRAWER 1398
ALBEMARLE 28001
BOWMAN GRAY 704 982-0161

GAITHER, ROBERT HUTH OBG AC
64 64 72
1000 N. FIFTH STREET
ALBEMARLE 28001
GEO WASHINGTON U 704 982-8112

GASKIN, JOHN STOVER, JR. FP AC
59 59 61
228 YADKIN STREET
ALBEMARLE 28001
DUKE 704 983-3121

GREEN, FRANCIS WEATHERLY IM AC
56 56 64
1009 N. 6TH ST.
ALBEMARLE 28001
U OF NC 704 982-8169

HERRING, JOHN HARVARD OBG AC
58 68 68
1000 N. FIFTH STREET
ALBEMARLE 28001
U OF TENNESSEE 704 982-8112

HILL, WILLIAM HENRY GP AC
44 44 46
501 HILL BUILDING
ALBEMARLE 28001
BOWMAN GRAY 704 982-5812

JENKINS, LARRY PARKER OPH AC
64 64 73
121 YADKIN STREET
ALBEMARLE 28001
U OF TENNESSEE 704 983-1102

JOHNSEN, ERIC MERRIMAN FP AC
77 78 80
228 YADKIN STREET
ALBEMARLE 28001
WAYNE STATE U 704 983-3121

JOLLY, WILLIAM OSCAR, III FP AC
63 63 67
320 YADKIN STREET
ALBEMARLE 28001
U OF NC 704 982-9144

KANDL, LOUIS CHARLES IM /ID AC
72 79 81
123 N. FIRST STREET
ALBEMARLE 28001
HAHNEMANN 704 982-2189

KELLEY, THOMAS FRANCIS FP AC
46 49 50
320 YADKIN STREET
ALBEMARLE 28001
DUKE 704 982-9144

LACROIX, CAROL ANN FP AC
80 80 81
320 YADKIN STREET
ALBEMARLE 28001
WRIGHT STATE U 704 982-9144

LEFLER, RUFUS STAMEY, III IM /CD AC
78 78 75
214 E. NORTH STREET
ALBEMARLE 28001
BOWMAN GRAY 704 982-1136

LEIBY, GEORGE MARTIN GPM L/RT
31 33 34
5201 ROMA AVE., NE
ALBUQUERQUE, NM 87108
VANDERBILT U 505 898-1384

LILES, RICHARD VERNON, JR. FP AC
57 57 62
320 YADKIN STREET
ALBEMARLE 28001
U OF NC 704 982-9144

MAC, HARJIT BALA PM AC
70 70 84
P. O. BOX 1230
ALBEMARLE 28002
B J MED COLL 704 983-3314

MAC, SURENDRAPAL SINGH ORS /HS AC
70 75 80
P. O. BOX 1230
ALBEMARLE 28001
GANDHI MED. COLL 704 983-3314

MANGUM, ADDISON GOODLOE R AC
58 58 67
P. O. BOX 1258
ALBEMARLE 28002
U OF NC 704 982-5319

MCKENZIE, WAYLAND NASH GP L
35 35 37
P. O. BOX 248
ALBEMARLE 28002
MED COLL OF VA 704 982-3312

MCLEOD, WILLIAM LOUIS GP L
38 38 40
P. O. BOX 100
OAKBORO 28129
TEMPLE U 704 485-3319

MEHTA, NALIN CHIMANLAL IM /ON AC
72 75 82
815 N. THIRD ST.
ALBEMARLE 28001
B J MED COLL 704 983-3508

ROSS, WILLIS RICHARD FP AC
52 53 53
320 YADKIN STREET
ALBEMARLE 28001
MED U OF SC 704 982-9144

SELTZER, STEPHEN CHARLES FP AC
74 75 79
320 YADKIN STREET
ALBEMARLE 28001
U OF IOWA 704 982-9144

SMITH, WHITMAN ERSKINE, JR. GS AC
57 57 64
P. O. BOX 1398
ALBEMARLE 28001
DUKE 704 982-0161

WALLACE, JOHN MORRIS PTH AC
59 61 64
P. O. BOX 1489
ALBEMARLE 28001
MED U OF SC 704 982-0148

86. SURRY-YADKIN COMPONENT SOCIETY

OFFICERS—**President:** D. Gale Waters, M.D., Mount Airy (919 786-4522)
Secretary: Charles R. Bokesch, M.D., Mount Airy (919 786-6146)

APPLER, MARK LEE GE /IM AC
80 81 80
P. O. BOX 1547
MT. AIRY 27030
BOWMAN GRAY 919 786-6196

BALLARD, EVAN ADOLPHUS FP AC
76 77 81
ROUTE #2
JONESVILLE 28642
DUKE 919 835-6300

BARTSH, RICHARD LOWELL FP AC
78 79 84
P. O. BOX 988
MOUNT AIRY 27030
MAYO MED SCHOOL 919 789-9111

BLACKLEY, WILLIAM J. FP AC
75 75 79
LILA SWAIM PK. RD.,RT. #2
JONESVILLE 28642
U OF NC 919 835-6300

BOKESCH, CHARLES RICHARD CD /IM AC
73 74 78
P. O. BOX 1547
MOUNT AIRY 27030
EMORY U 919 786-6146

BRITT, TILMAN CARLISLE, JR. CD /IM AC
47 48 52
216 GRACE STREET
MOUNT AIRY 27030
BOWMAN GRAY 919 786-5745

BRYANT, JAMES EDWIN IM AC
77 78 81
P. O. BOX 68
YADKINVILLE 27055
BOWMAN GRAY 919 679-2041

BURKE, JAMES GILLUM ORS AC
73 74 79
414 W. LEBANON STREET
P. O. BOX 1544
MOUNT AIRY 27030
EMORY U 919 789-9041

CALDWELL, ROBERT MANFRED PH L
36 36 40
227 GRACE ST.
MOUNT AIRY 27030
U OF VIRGINIA 919 374-2131

COOKE, RALPH MCBRIDE GP /GER L
40 46 47
631 ELK SPUR ST.
ELKIN 28621
U OF LOUISVILLE 919 835-3525

CROWE, JAMES EARL DR AC
66 66 73
RADIOLOGY DEPT.
NORTHERN HOSP. OF SURRY CO.
MOUNT AIRY 27030
BOWMAN GRAY 919 789-9541

CROWE, JOHN ALBERT, JR GS AC
67 68 74
HOOTS MEM. HOSPITAL
BOX 68
YADKINVILLE 27055
MED COLL OF GA 919 689-3111

SURRY-YADKIN COMPONENT SOCIETY (Continued)

DUDLEY, CHARLES C., JR. PTH /FP AC 55 55 59
320 IVY CIRCLE
ELKIN 28621
U OF NC 919 835-3722

ERLANDSON, STEPHEN ERIC FP AC 75 75 80
815 N. BRIDGE ST.
ELKIN 28621
U OF NC 919 835-4819

EVERHART, CARLTON DHU FP AC 58 58 61
1153 W. LEBANON STREET
MOUNT AIRY 27030
BOWMAN GRAY 919 786-5108

FAULK, WOODRUFF WORD, JR. FP AC 73 73 78
180-B PARKWOOD DRIVE
ELKIN 28621
BAYLOR 919 835-5049

GITT, KENNETH DARYL OBG AC 80 84 85
708 S. SOUTH STREET
MOUNT AIRY 27030
U OF NEBRASKA 919 786-4522

GRIFFIN, ADRIAN MARK EM /P AC 77 77 74
726 GREENHILL ROAD
MOUNT AIRY 27030
BOWMAN GRAY 919 789-9541

GRIFFIN, EUGENE WILSON, III FP AC 77 79 77
LILA SWAIM PARK RD.,RT. #2
JONESVILLE 28642
DUKE 919 835-6300

GRONER, CHRISTOPHER WOLCOTT FP AC 76 79 85
815 N. BRIDGE ST.
ELKIN 28621
U OF KANSAS 919 835-3425

HALL, JAMES GRAYSON FP AC 57 57 63
P. O. BOX 158
DOBSON 27017
U OF NC 919 386-8270

HALL, JOHN MOIR GP L/RT 42 47 47
357 IVY CIRCLE
ELKIN 28621
U OF VIRGINIA 919 835-4534

HALL, LOCKSLEY S. GS AC 59 59 61
L.C. HOOTS MEMORIAL HOSPITAL
YADKINVILLE 27055
BOWMAN GRAY 919 679-2041

HUGHES, CARLISLE BEE, JR. GS AC 40 51 52
RT. 2, BOX 567
YADKINVILLE 27055
MED COLL OF VA 919 679-2041

JACKSON, DAVID DEWITT GS /CDS AC 73 73 79
P. O. BOX 191
MOUNT AIRY 27030
BOWMAN GRAY 919 789-9176

JACKSON, RICHARD DEWITT GS AC 45 46 56
1067 GREENHILL ROAD
MOUNT AIRY 27030
TEMPLE U 919 786-2400

JARRELL, WILBURN ERIC FP AC 54 56 58
2007 SALEM ROAD
MOUNT AIRY 27030
U OF VIRGINIA 919 786-5050

KERLEY, ROGER KENNY IM AC 79 80 84
708 S. SOUTH STREET
P. O. BOX 1547
MOUNT AIRY 27030
U OF NC 919 786-6146

KERNEY, SUZANNE ELIZABETH P /CHP AC 80 81 86
316 LOIS LANE
MOUNT AIRY 27030
GEO WASHINGTON U 919 789-9171

LAWRENCE, BENJAMIN J., JR. GS /PS AC 47 47 48
813 ROCKFORD ST.
PO BOX 72
MOUNT AIRY 27030
JEFFERSON 919 786-7871

MARCHUK, JEROME MICHAEL U AC 72 73 80
708 S. SOUTH STREET
MOUNT AIRY 27030
U OF ILLINOIS 919 786-5144

MATTHEWS, MARJORIE E.F. FP AC 61 61 65
P. O. BOX 667
PILOT MOUNTAIN 27041
BOWMAN GRAY 919 368-4198

MCGRATH, JAMES STUART FP AC 80 80 84
EAST BEND COMM. HEALTH CTR
P. O. BOX 126
EAST BEND 27018
TULANE U 704 699-3936

MCNEILL, CLAUDE ACKLE, JR. FP L/RT 43 43 48
248 DUTCHMAN CREEK RD.
ELKIN 28621
BOWMAN GRAY 919 835-3136

MERLO, RICHARD BARTLETT R /NM AC 61 61 67
773 BROOKWOOD DRIVE
ELKIN 28621
DUKE 919 835-3722

PERRY, HENRY BAKER, JR. GYN L/RT 43 43 47
477 HAWTHORNE RD.
ELKIN 28621
U OF MARYLAND 919 835-6183

PETRICK, THOMAS PAUL GS /END AC 60 61 85
11 N. LIGONIER ST.
LATROBE, PA 15650
U OF PENN

RIDGWAY, ALTON H. AN /FP AC 42 43 84
RFD #3, BOX 34-I
EAST BEND 27018
INDIANA U 919 699-8283

ROBERTSON, CHARLES G., JR. GP /IM AC 54 54 56
815 ROCKFORD STREET
MOUNT AIRY 27030
U OF NC 919 786-7107

SHELBURNE, THOMAS MAYNARD FP AC 77 79 85
RT. #2, BOX 384
JONESVILLE 28642
DUKE 919 835-6300

SIMMONS, JIMMIE DALE PH AC 57 57 61
SURRY COUNTY HEALTH DEPT.
PO BOX 1062
DOBSON 27107
BOWMAN GRAY 919 374-2131

SMITH, ROBERT LEE PTH AC 64 64 74
320 ROBIN ROAD
MOUNT AIRY 27030
U OF VIRGINIA 919 789-9710

STABLER, CAREY VASTINE EM /IM AC 62 62 74
NORTHERN HOSP. OF SURRY CO.
MOUNT AIRY 27030
U OF ARKANSAS 919 789-9541

STUART, HAL MARTIN FP AC 56 56 61
180-C PARKWOOD DRIVE
ELKIN 28621
BOWMAN GRAY 919 835-3613

SYKES, CHARLES LOUIS FP /IM L 38 38 39
P. O. BOX 590
MOUNT AIRY 27030
GEORGETOWN U 919 786-6105

TAYLOR, VERNON WILLIAMS, JR. FP L 38 38 41
815 N. BRIDGE STREET
ELKIN 28621
JEFFERSON 919 835-3425

TETA, JOSEPH MICHAEL GP AC 38 38 74
P. O. BOX 242
ROARING GAP 28668
NEW YORK MED COL 919 363-2349

VAUGHN, TOM JIMISON, JR. OBG AC 75 78 85
708 S. SOUTH ST.
MOUNT AIRY 27030
U OF VIRGINIA 919 786-4522

WATERS, DEAN GALE OBG AC 56 64 65
708 S. SOUTH STREET
MOUNT AIRY 27030
JOHNS HOPKINS 919 786-4522

WOOD, WILLIAM LUPTON, SR. GP L/RT 45 45 47
P. O. BOX 367
YADKINVILLE 27055
BOWMAN GRAY 919 679-8689

87. SWAIN COMPONENT SOCIETY

OFFICERS—**President:** Harold L. Bacon, M.D., Bryson City (704 488-2105)
Secretary: Kenneth M. Mathiesen, M.D., Bryson City (704 488-6844)

BACON, HAROLD LYLE GP L 34 35 36
948 RICHMOND
BRYSON CITY 28713
NORTHWESTERN U 704 488-2105

CUNNINGHAM, EDWARD RAY GS /GP AC 75 80 84
P. O. BOX 760
BRYSON CITY 28713
U OF NC 704 488-2283

MATHIESEN, KENNETH MARLIN FP /A L 38 38 39
960 PLATEAU ST.
BRYSON CITY 28713
LOMA LINDA U 704 488-6844

MITCHELL, WILLIAM E. GS /GP AC 45 50 50
P. O. BOX 760
BRYSON CITY 28713
U OF TENNESSEE 704 488-2283

88. TRANSYLVANIA COMPONENT SOCIETY

OFFICERS—**President:** Ora J. Wells, M.D., Brevard
Secretary: Sam Brandt, M.D., Rosman
Executive Secretary: Donna Franks, P.O. Box 1116, Brevard 28712 (704 884-9111)

COLLINGS, GILBEART H., JR. OM /PM AC 41 41 86
RT. #4, BOX 176B
RICH MOUNTAIN
BREVARD 28712
EMORY U 704 885-2854

DUNKELBERG, RAY HAMILTON IM /NEP AC 67 67 76
THE NEWLAND MEDICAL BUILDING
BREVARD 28712
MED U OF SC 704 884-9030

DUVALL, PAUL BRANDON FP AC 80 80 77
NEWLAND MED.BLDG.,
GALLIMORE RD
BREVARD 28712
U OF NC 704 884-9030

FOLGER, JOHN RUSSELL, JR. FP /PH AC 53 53 57
207 E. MAIN ST.
BREVARD 28712
BOWMAN GRAY 704 884-9030

GASQUE, MAC ROY OM /PH L 44 47 47
5 FORTUNE COVE RD.
BREVARD 28712
U OF VIRGINIA 704 884-2503

HAWK, ROBERT JOE OBG AC 65 65 79
1220 ASHEVILLE HIGHWAY
BREVARD 28712
EMORY U 704 883-8115

TRANSYLVANIA COMPONENT SOCIETY (Continued)

HENDEL, ROBERT CHARLES GS AC 72 73 85
MEDICAL PARK DR., BLDG #1
BREVARD 28712
U OF CONNECTICUT 704 884-2198

LEFLER, CHARLES IM AC 70 70 85
WATER OAKES SUITES
BREVARD 28782
U OF NC 704 884-4134

NEWLAND, CHARLES LOGAN FP L/RT 27 28 32
104 WOODSIDE DR.
BREVARD 28712
MED COLL OF VA 704 883-2156

RYAN, ALBERT OLEN, JR. OM AC 47 61 62
P. O. BOX 200
PISGAH FOREST 28768
U OF CINCINNATI 704 877-2806

SANDERS, JAMES HENRY, JR. FP /GER AC 51 52 53
P. O. BOX 389
BREVARD 28712
MED U OF SC 704 884-9362

TYSON, JAMES WILLIAM FP AC 66 68 70
NEWLAND MEDICAL BUILDING
BREVARD 28712
U OF TEXAS 704 884-9030

WELLS, MARIUS HUGHEY GS AC 52 53 59
NEWLAND MEDICAL BLDG.
BREVARD 28712
MED U OF SC 704 884-9030

WOOD, EVERET HARDENBERGH OPH AS 35 35 74
104 MORNINGSIDE DRIVE
BREVARD 28712
U OF MARYLAND 704 884-6354

90. UNION COMPONENT SOCIETY

OFFICERS—**President:** Richard A. Taylor, M.D., Monroe (704 289-2556)
Secretary: Sandra M. Abda, M.D., Monroe (704 289-4595)

ABDA, SANDRA MARIE ORS AC 73 74 79
701 ROOSEVELT BLVD., BLDG 600
MONROE 28110
MED COLL OF PENN 704 289-4595

AUSTIN, ROBERT GRAY, JR. OPH AC 70 70 77
1410 FRANKLIN ST., EAST
MONROE 28110
BOWMAN GRAY 704 289-5455

BARRINGER, PHIL LOUIS GS AC 42 42 46
P. O. BOX 968
MONROE 28110
JEFFERSON 704 289-3024

CATTIE, JOHN VINCENT GS /CDS AC 74 75 83
106 E. PHIFER STREET
MONROE 28110
JEFFERSON 704 289-8528

DESKINS, WILLIAM CYPHERS FP AC 62 62 66
1420 E. FRANKLIN ST.
MONROE 28110
BOWMAN GRAY 704 289-8427

ELBER, ERWIN RICHARD OTO AC 69 70 79
1501 E. FRANKLIN STREET
MONROE 28110
TUFTS U 704 289-9415

ERCKMAN, PAUL NEFF PD AC 63 63 69
1307-B E. FRANKLIN STREET
MONROE 28110
MED COLL OF GA 704 283-1515

EVANS, DAVID ARNOLD OBG AC 67 67 72
1408 E. FRANKLIN ST.
MONROE 28110
U OF NC 704 289-2553

FRIEDRICH, THOMAS CHARLES ORS AC 79 79 86
1104 OAK HILL DR.
MONROE 28110
INDIANA U 704 289-4595

GREENBERG, WILLIAM ROGER AN AC 71 71 83
P. O. BOX 2188
MONROE 28110
U OF TEXAS 704 289-3247

GREENE, JOSEPH ELMO GP /OM AC 49 61 62
P. O. BOX 219
MARSHVILLE 28103
MED COLL OF GA 704 624-2125

HAMER, EUGENE FLOYD GP AC 41 41 46
P. O. BOX 608
MONROE 28110
MED U OF SC 704 283-1553

HARTNESS, JOHN F., JR. IM /EM AC 70 70 80
1307 DOVE STREET
MONROE 28110
U OF NC 704 289-6474

JEWELL, GARY WELCH OBG AC 71 74 77
1408 FRANKLIN STREET
MONROE 28110
U OF LOUISVILLE 704 289-2553

KING, JOSEPH JOHN, JR. ORS AC 73 73 84
701 ROOSEVELT BLVD., BLDG.600
MONROE 28110
JEFFERSON 704 289-4595

KITCHIN, ALVIN PAUL, JR. FP AC 62 62 67
1404 E. FRANKLIN STREET
MONROE 28110
BOWMAN GRAY 704 283-1521

LEE, FRANCIS BROWN GS L/RT 43 51 52
501 S. CHURCH ST.
PO BOX 457
MONROE 28110
MED COLL OF VA 704 283-4324

MACDONALD, DONALD EWAN P AC 48 53 54
1310 MCCRAY STREET
MONROE 28110
U OF ST ANDREWS 704 289-5431

MILLS, JOYCE DUNSTON PTH AC 80 84 86
UNION MEMORIAL HOSPITAL
PATHOLOGY DEPARTMENT
MONROE 28110
LOMA LINDA U 704 283-2111

OLEEN, GEORGE GERHARD FP /IM L 39 46 48
103 S. HAYNE STREET
MONROE 28110
U OF KANSAS 704 283-6622

ORMAND, THOMAN LANE OBG AC 58 58 64
1408 E. FRANKLIN ST.
MONROE 28110
U OF NC 704 289-2553

PERKINS, GWENDOLYN MYRTIS FP AC 77 78 81
P. O. BOX 584
1303 E. FRANKLIN STREET
MONROE 28110
TEMPLE U 704 289-8537

SNYDER, ALEXANDER BENJAMIN IM AC 65 65 77
1420 E. FRANKLIN ST.
MONROE 28110
ALBANY MED COLL 704 289-8427

SOWDEN, RICHARD GUY U AC 70 72 79
1503 E. FRANKLIN STREET
MONROE 28110
JEFFERSON 704 289-5402

STEWART, FRANCIS ASBURY FP AC 55 55 56
102 E. MARSHVILLE BOULEVARD
MARSHVILLE 28103
U OF NC 704 624-5889

TAYLOR, JIMMY LYNN FP AC 62 62 66
BOX 989
MONROE 28110
BOWMAN GRAY 704 283-1521

TAYLOR, RICHARD ALLEN PD AC 69 69 74
901 OAK FOREST DRIVE
MONROE 28110
BOWMAN GRAY 704 289-2556

WALDMAN, GARY DAVID D AC 77 78 83
1307 E. FRANKLIN ST.
MONROE 28110
RUSH MED COLL 704 289-9448

91. VANCE COMPONENT SOCIETY

OFFICERS—**President:** W. Beverly Tucker, M.D., Henderson (919 492-3152)
Secretary: Millard W. Wester, M.D., Henderson (919 492-3152)

BERNSTEIN, DANIEL OPH AC 68 69 77
MEDICAL SERVICE BLDG.
RUIN CREEK ROAD
HENDERSON 27536
WAYNE STATE U 919 492-8021

BOYD, JOSEPH ALSTON, JR. R AC 45 51 52
MARIA PARHAM HOSPITAL
HENDERSON 27536
MED COLL OF VA 919 438-4143

BURWELL, WALTER BRODIE IM AC 41 45 46
317 ORANGE STREET
HENDERSON 27536
TULANE U 919 438-5619

CALLAHAN, JOSEPH BRODHEAD OBG AC 68 75 76
MEDICAL ARTS BUILDING
HENDERSON 27536
U OF PITTSBURGH 919 492-8576

CATHCART, CORNELIUS F. PD AC 76 76 83
MARIA PARHAM HOSPITAL
HENDERSON 27536
U OF NC 919 492-9565

DRAKE, WILTON RODWELL, JR. FP AC 72 72 76
VANCE MEDICAL ARTS CENTER
HENDERSON 27536
U OF NC 919 492-3152

GOODWIN, JAMES OSCAR OBG AC 70 70 76
MEDICAL ARTS BUILDING
RUIN CREEK ROAD
HENDERSON 27536
U OF NC 919 492-8576

GREEN, JAMES PRESTON FP AC 55 59 65
176 BECKFORD DRIVE
HENDERSON 27536
MEHARRY MED COLL 919 492-2161

HOLT, THOMAS OPH /OTO L 38 38 48
209 FAIRVIEW STREET
WARRENTON 27589
MED COLL OF VA 919 257-3746

JONES, HARVEY MICHAEL PTH /CLP AC 66 66 76
ROUTE #3, BOX 25W
HENDERSON 27536
WASHINGTON U 919 492-4477

KAPLOWITZ, GARY L. ORS AC 78 79 84
RUIN CREEK ROAD,
MED. SERV. BLDG.
HENDERSON 27536
AUTONOMA U 919 438-3186

MAYO, JOSEPH DIXON, JR. FP AC 49 49 50
406 DABNEY DRIVE
HENDERSON 27536
U OF PENN 919 438-3155

VANCE COMPONENT SOCIETY (Continued)

MCCASKILL, SAMUEL GAULT, JR. OBG AC 73 73 84
RUIN CREEK ROAD
HENDERSON 27536
BAYLOR 919 492-8576

MILLS, JOHN FRANKLIN FP AC 82 84 85
RUIN CREEK ROAD
HENDERSON 27536
BOWMAN GRAY 919 492-3152

MILLS, RANDOLPH DENNIS FP AC 51 51 52
406 DABNEY DRIVE
HENDERSON 27536
BOWMAN GRAY 919 492-3152

PARHAM, SUMNER MALONE GYN /OBS L/RT 45 45 52
J.W.J. MEDICAL SERVICES BLDG.
RUIN CREEK ROAD
HENDERSON 27536
U OF MARYLAND 919 492-7126

PETROU, HOMER DONALD GS AC 58 58 75
RUIN CREEK ROAD
HENDERSON 27536
U OF CINCINNATI 919 438-5755

REDDY, PUTLUR RAMACHANDRA IM /ON AC 62 72 77
MEDICAL ARTS BUILDING
RUIN CREEK ROAD
HENDERSON 27536
OSMANIA MED COLL 919 492-6127

ROLLINS, CHARLES DICK GP L 35 35 39
507 GRANITE STREET
HENDERSON 27536
U OF PENN 919 438-7263

SMITH, BERNARD MICHAEL VS AC 74 76 86
VANCE MEDICAL ARTS BLDG.
RUIN CREEK ROAD
HENDERSON 27536
U OF KENTUCKY 919 438-2070

TUCKER, GEORGE REGINALD, JR. FP AC 55 55 59
RUIN CREEK RD. STE. A
HENDERSON 27536
U OF NC 919 492-3152

TUCKER, WILLIAM BEVERLY FP AC 66 66 71
RUIN CREEK ROAD
HENDERSON 27536
U OF NC 919 492-3152

VIJAYA, LINGA U AC 61 61 77
RUIN CREEK ROAD
HENDERSON 27536
ANDHIA MED COLL 919 492-8711

WESTER, MILLARD WINSTON, JR. FP AC 52 52 54
VANCE MED. ARTS BLDG., #A
HENDERSON 27536
DUKE 919 492-3152

92. WAKE COMPONENT SOCIETY

OFFICERS—**President:** Bertram W. Coffer, M.D., Raleigh (919 847-3355)
Secretary: Vartan Davidian, Jr., M.D., Raleigh (919 872-2616)
Executive Secretary: Annette Boutwell, P.O. Box 10387, Raleigh 27605 (919 821-2226)

AHMED, FARHANA IM AC 77 81 85
8009 FALLING LEAF CT.
RALEIGH 27609
FATIMAH JINNAH 919 787-0486

ALDERMAN, ALLISON M., JR. FP AC 46 47 52
242 BRYAN BLDG.
CAMERON VILLAGE
RALEIGH 27605
BOWMAN GRAY 919 832-1205

ALLEN, CYRIL ANTHONY HEM AC 74 76 80
P. O. BOX 14005
RALEIGH 27620
U OF NC 919 828-3466

ALLEN, LEROY NS AC 46 47 55
3009 NEW BERN AVE.
PO BOX 14027
RALEIGH 27620
BOWMAN GRAY 919 832-4448

ALLEN, LOUIS DAVID PD AC 78 81 84
3001 ESSEX CIRCLE
RALEIGH 27608
MED COLL OF GA 919 782-0021

ALLEN, ROBERT LEE NS AC 79 79 85
3009 NEW BERN AVE.
PO BOX 14027
RALEIGH 27620
BOWMAN GRAY 919 832-4448

ANDREW, WALLACE F., JR. ORS /HS AC 75 81 82
3515 GLENWOOD AVE.
PO BOX 10707
RALEIGH 27605
U OF VIRGINIA 919 781-5600

ANDRUS, THOMAS ROSS, JR. D AC 78 82 76
6104 VALLEY FIELD CIRCLE
RALEIGH 27612
U OF NC 919 782-2152

ARANA, GUILLERMO FERNANDO FP /PTH AC 62 63 75
975 WALNUT ST., STE. 255
CARY 27511
U OF SAN SIMON 919 467-4141

ARCHIE, JOSEPH PATRICK, JR. CDS AC 68 68 82
4021 BARRETT DRIVE
RALEIGH 27609
U OF NC 919 781-5335

ASHBURN, PHILIP EUGENE IM /GE AC 74 74 78
3100 BLUE RIDGE RD. #300
RALEIGH 27612
BOWMAN GRAY 919 781-7500

ASKEW, ANNE PRESTON PD AC 56 56 65
4016 BARRETT DR., STE. 101
RALEIGH 27609
DUKE 919 781-2438

ATKINSON, ALVAN WILLIAM CDS /TS AC 71 74 80
3400 EXECUTIVE DR. STE. 102
RALEIGH 27609
JEFFERSON 919 872-8080

ATWOOD, KAREN STONE FP AC 79 80 86
7202 FALLS OF THE NEUSE RD.
RALEIGH 27609
U OF ALABAMA 919 848-9911

AUMAN, GEORGE LOUIS PD AC 68 68 73
3900 BROWNING PLACE
RALEIGH 27609
BOWMAN GRAY 919 787-0266

AVERY, FRANK WALTON PTH AC 67 67 74
RALEIGH COMMUNITY HOSP.
PO BOX 28280
RALEIGH 27611
U OF NC 919 872-4800

BAGWELL, JOHNNY WAYNE FP AC 76 77 79
1005 VANDORA SPRINGS RD.
GARNER 27529
BOWMAN GRAY 919 779-1440

BAKER, JOHN HARRISON OBG AC 74 74 79
8004 SHELLNUT ROAD
RALEIGH 27609
U OF NC 919 876-8225

BALOCH, MOHAMMAD HAROON FP AC 70 70 82
2800 BLUE RIDGE BLVD. STE. 402
RALEIGH 27607
KING EDWARD COLL 919 787-0486

BARISH, CHARLES FRANKLIN IM /GE AC 80 81 85
3100 BLUE RIDGE RD., STE. 300
RALEIGH 27612
U OF FLORIDA 919 748-4601

BARRINGER, THAD JONES P AC 53 57 59
3900 BROWNING PLACE, SUITE 201
RALEIGH 27609
VANDERBILT U 919 787-7125

BARRINGER, THADDEUS J., JR. P AC 78 78 83
3900 BROWNING PL., STE. 201
RALEIGH 27609
TULANE U 919 787-7125

BARTELS, GEORGE THOMAS FP /NTR AC 78 80 80
1201 AVERSBORO ROAD
GARNER 27529
DUKE 919 779-6330

BEAN, GARY OWEN FP AC 76 80 83
1109 DRESSER COURT
RALEIGH 27609
BOWMAN GRAY 919 872-4900

BECK, PAUL GER AC 61 62 81
3000 NEW BERN AVE.
RALEIGH 27610
U OF COLORADO 919 755-8520

BECKER, DENIS I. END /IM AC 72 72 77
3410 EXECUTIVE DR., SUITE 205
RALEIGH 27609
U OF KENTUCKY 919 876-7692

BELLAMY, WILLIAM E., JR. IM /PUD AC 47 48 60
3101 ESSEX CIRCLE
RALEIGH 27608
BOWMAN GRAY 919 782-2631

BENSEN, VLADIMIR BASIL FP /GS L 46 49 49
422 ST.MARY'S STREET
RALEIGH 27605
NEW YORK MED COL 919 832-6855

BENSON, JOHN DEWITT PTH AC 78 79 82
4420 LAKE BOONE TRAIL
RALEIGH 27607
U OF NC 919 755-3040

BERRY, WILLIAM ROSSER ON /HEM AC 74 78 79
3803 COMPUTER DR., STE. 200
RALEIGH 27609
DUKE 919 781-7070

BETHEL, MILLARD BAIMBRIDGE PH L/RT 36 36 39
25 BANBURY LANE
CHAPEL HILL 27514
U OF TENNESSEE 919 929-5606

BETTS, WILMER CONRAD P AC 48 50 56
3125 GLENWOOD PROF. VILLAGE
RALEIGH 27608
DUKE 919 782-0166

BILBRO, ROBERT HODGES IM /CD AC 66 66 72
3521 HAWORTH DR.
RALEIGH 27609
U OF NC 919 782-1806

BISHOP, JOHN MASON, JR. OBG AC 57 61 61
2800 BLUE RIDGE BLVD. STE. 206
RALEIGH 27607
MED COLL OF VA 919 781-7450

BLACKLEY, ROY JACKSON P /GPM AC 53 53 54
325 N. SALISBURY STREET
RALEIGH 27611
MCGILL U 919 733-6523

BLAKE, GERALD WAYNE IM /ID AC 67 67 75
3521 HAWORTH DR.
RALEIGH 27609
U OF NC 919 782-1806

BLAND, WILLIAM HERBERT FP AC 48 49 50
1000 VICKIE DRIVE
CARY 27511
BOWMAN GRAY 919 467-9514

BLUMENTHAL, BARRY HOWARD P AC 81 83 85
3125 GLENWOOD PROF. VILLAGE
RALEIGH 27608
MED COLL OF VA 919 782-0166

BOARD, ROBERT JEFFREY OPH AC 74 77 84
3320 EXECUTIVE DR. STE. 111
RALEIGH 27609
DUKE 919 876-2427

BOERNER, DAVID FRANKLIN IM /PUD AC 76 76 81
3100 BLUE RIDGE RD.STE. 300
RALEIGH 27612
PENN STATE U 919 781-7500

BOLDING, WILLIAM ROBERT AN AC 81 83 80
2032 THORPSHIRE DR.
RALEIGH 27609
U OF NC 919 755-8000

WAKE COMPONENT SOCIETY (Continued)

BOONE, STEPHEN CHRISTOPHER NS /EM AC
3009 NEW BERN AVE. 65 65 78
PO BOX 14027
RALEIGH 27620
DUKE 919 832-4448

BOSSE, HELEN HALL AN AC
P. O. BOX 10502 50 53 55
RALEIGH 27605
MED COLL OF VA 919 733-2732

BRADSHAW, PRESTON H., JR. U AC
1200 KERSHAW DR. 60 60 67
RALEIGH 27609
DUKE 919 876-4323

BRANAMAN, GUY HEWITT, JR. GYN L/RT
915 WILLIAMSON DR. 39 47 47
RALEIGH 27608
MED COLL OF VA 919 833-4080

BRASHEAR, RALPH GUY FP AC
P. O. BOX 827 60 61 61
WENDELL 27591
OHIO STATE U 919 365-7366

BRITT, BENJAMIN EARL P AC
1004 DRESSER COURT, STE. 108 55 55 60
RALEIGH 27609
DUKE 919 876-0287

BROWN, DANIEL ELMER PD AC
3001 ESSEX CIRCLE 65 65 70
RALEIGH 27608
U OF NC 919 782-0021

BRUGGERS, BARRY ALAN OBG AC
121 EDINBURGH SOUTH, #103 79 80 84
CARY 27511
LA STATE U 919 467-5941

BUCHIN, DAVID LEE EM /P AC
14212 CROSS CREEK ROAD 66 67 81
RALEIGH 27614
ST U OF NY-BUFF 919 876-8333

BUGG, CHARLES PAULETT PD AC
DIV. OF SOCIAL SERVICE-DDS 51 51 57
PO BOX 243
RALEIGH 27602
JOHNS HOPKINS 919 733-4484

BURROUGHS, FREDERICK D. PD AC
100 SUNNYBROOK ROAD, STE. 202 66 69 75
RALEIGH 27610
MEHARRY MED COLL 919 821-3180

BURROUGHS, PAUL LEACH, JR. ORS AC
3410 EXECUTIVE DRIVE 66 66 71
RALEIGH 27609
U OF NC 919 872-5296

BURROUGHS, RUTH REUBEN PH /PD RT
6413 MARGATE COURT 37 37 69
RALEIGH 27612
U OF NEBRASKA 919 781-5015

BURTON, EARL EDWARD, JR. D /IM AC
3900 BROWNING PLACE 68 70 73
RALEIGH 27609
MED COLL OF VA 919 782-2735

BURTON, LEROY MELVIN IM AC
2 LYNN ROAD 69 69 77
RALEIGH 27609
MEHARRY MED COLL 919 821-1710

BYRUM, CLIFFORD CONWELL GYN AC
2800 BLUE RIDGE RD., STE. 301 43 43 46
RALEIGH 27607
JEFFERSON 919 782-0124

CAMP, THOMAS FRANCIS, JR. IM /CD AC
2800 BLUE RIDGE, STE. 205 62 62 69
RALEIGH 27607
EMORY U 919 782-0414

CAMPBELL, DONALD BARNES IM AC
3100 BLUE RIDGE RD. 71 72 76
RALEIGH 27612
U OF ALABAMA 919 781-7500

CANNON, WOODWARD GS AC
2800 BLUE RIDGE BLVD. STE. 305 70 72 78
RALEIGH 27607
HARVARD 919 781-7416

CARBONELL, ANTONIO MIGUEL PS AC
3320 EXECUTIVE DR. STE. 222 69 70 85
RALEIGH 27609
GEORGETOWN U

CARR, MARJORIE BARNWELL PD AC
2800 BLUE RIDGE BLVD.,STE. 501 76 76 73
RALEIGH 27607
U OF NC 919 781-7490

CASTELLANOS, JOSE ORESTE FP /CD AC
3801 COMPUTER DR., STE. 106 49 62 63
RALEIGH 27609
U OF HABANA 919 781-9660

CASTELLOE, THOMAS EDISON ORS AC
P. O. BOX 10707 56 56 61
RALEIGH 27605
U OF NC 919 781-5600

CAVANAUGH, PATRICK JOSEPH TR AC
4420 LAKE BOONE TRAIL 51 51 71
RALEIGH 27607
ST LOUIS U 919 755-3018

CAVINESS, VERNE STRUDWICK CD /IM L/RT
913 VANCE STREET 21 21 26
RALEIGH 27608
JEFFERSON 919 832-4258

CEFALU, SALVADOR JOSEPH P /GER AC
DOROTHEA DIX HOSPITAL 60 60 67
RALEIGH 27611
LA STATE U 919 733-5518

CELLA, JOHN ROBERT R AC
P. O. BOX 19509 64 64 70
RALEIGH 27619
U OF NC 919 833-1407

CHAMBLEE, HUBERT ROYSTER, JR. OPH AC
20 ENTERPRISE STREET 60 60 67
RALEIGH 27607
DUKE 919 829-1948

CHARLTON, OLIVER PATRICK DR AC
4420 LAKE BOONE TRAIL 54 77 77
RALEIGH 27607
U-WITWATERSRAND 919 755-3023

CHASSON, ALBERT LEON PTH AC
REX HOSPITAL 54 62 62
RALEIGH 27607
U OF CINCINNATI 919 755-3058

CHAUDHRY, ABDUL GHAFOOR CDS /GS AC
2800 BLUE RIDGE BLVD. STE. 306 70 70 82
RALEIGH 27607
KING EDWARD COLL 919 782-7900

CHEELY, GEORGE RAYBURN CD /IM AC
3020 NEW BERN AVE., STE. 410 74 77 79
RALEIGH 27610
U OF PENN 919 781-7557

CHIARAMONTI, ALEXANDER D AC
915 KILDAIRE FARM ROAD 76 76 77
CARY 27511
U OF MICHIGAN 919 467-8556

CHIAVETTA, STEPHEN VICTOR PTH /HEM AC
4420 LAKE BOONE TRAIL 69 70 77
RALEIGH 27607
M C OF WISCONSIN 919 755-3040

CHURCH, C. FRANKLIN FP /D AC
1109 DRESSER COURT 63 63 68
RALEIGH 27609
DUKE 919 872-4900

CLINE, WILLIAM TUCKER GS /CDS AC
3400 EXECUTIVE DRIVE 78 79 83
RALEIGH 27609
DUKE 919 876-2732

COFFER, BERTRAM WATTS AN AC
P.O. BOX 18139 69 69 76
2800 BLUE RIDGE RD. STE. 204
RALEIGH 27619
U OF NC 919 847-3355

COLSON, LACY ALSTON IM /FP AC
23-G SUNNYBROOK ROAD 72 73 81
RALEIGH 27610
HOWARD U 919 821-5201

COMBS, JOSEPH JOHN IM /PUD L/RT
335 SPRINGMOOR DR. 26 26 29
RALEIGH 27615
COLUMBIA U 919 848-7335

COMER, WILSON SIDNEY, JR. P AC
1001 NAVAHO DR. STE. 108 77 77 79
RALEIGH 27609
U OF NC 919 876-0762

COOK, CHARLES ALVIN NEP /IM AC
615 PEACE ST. 75 77 82
RALEIGH 27603
TUFTS U 919 828-4753

COOPER, CLAIRE VIRGINIA P AC
6512 SIX FORKS RD., STE. 505 78 79 86
RALEIGH 27609
DUKE 919 846-0444

COPELAND, DANA DERWARD PTH AC
10004 GRADY CIRCLE 72 73 79
RALEIGH 27609
DUKE 919 755-8260

CORPENING, ALBERT NEWTON FP AC
141 E. MAIN ST. 55 55 58
PO BOX 158
YOUNGSVILLE 27596
BOWMAN GRAY 919 556-2126

COURIE, MAURICE NICKOLA GYN AC
3145 ESSEX CIRCLE 59 59 66
RALEIGH 27608
DUKE 919 782-3698

COXE, JAMES SHERWOOD, III END /IM AC
3410 EXECUTIVE DRIVE 71 71 79
RALEIGH 27609
U OF NC 919 876-7692

COZART, WILEY HOLT GP AC
218 PINE STREET 49 50 52
FUQUAY-VARINA 27526
MED COLL OF VA 919 552-2268

CRITTENDEN, SUSAN LAWRENCE IM AC
103 BAINES CT. 81 82 86
CARY 27511
U OF NC 919 467-6125

CRUMPLER, RANDALL SCOTT FP AC
1005 VANDORA SPRINGS RD. 80 81 84
GARNER 27529
BOWMAN GRAY 919 779-1440

CURRIN, JOE BADGETT, JR. IM AC
500 N. ENNIS STREET 61 61 65
FUQUAY-VARINA 27526
BOWMAN GRAY 919 552-2275

DAMERON, THOMAS BARKER, JR. ORS AC
P. O. BOX 10707 47 53 54
RALEIGH 27605
DUKE 919 781-5600

DANIEL, THOMAS BRANTLEY U L/RT
110 SELMA RD. 43 43 52
PO BOX 845
WENDELL 27591
BOWMAN GRAY 919 365-5550

DANIEL, WALTER EUGENE AN AC
312 BUNCOMBE STREET 79 79 76
RALEIGH 27609
U OF NC 919 832-7988

DASCOMB, HARRY EMERSON IM /ID AC
3000 NEW BERN AVENUE 43 43 81
RALEIGH 27610
U OF ROCHESTER 919 755-8520

DAVIDIAN, VARTAN AMBAR, JR. PS /GS AC
1112 DRESSER COURT 67 67 75
RALEIGH 27609
U OF NC 919 872-2616

DAVIS, ARTHUR EMERSON, JR. PTH /A AC
1209 COWPER DRIVE 53 62 63
RALEIGH 27608
U OF MINN 919 833-9839

DAVIS, DWIGHT GROOME, JR. GS /TS AC
3801 COMPUTER DRIVE 54 61 61
RALEIGH 27609
JEFFERSON 919 787-8393

DAVIS, JAMES HOWELL CDS /TS AC
2800 BLUE RIDGE BLVD., STE 306 54 65 66
RALEIGH 27607
U OF KANSAS 919 782-7900

DAWKINS, JENNINGS RAY, JR. IM AC
1505 BARLEY PLACE 79 82 86
RALEIGH 27615
DUKE 919 248-2656

DEBNAM, GEORGE CLYDE GP /OBS AC
524 S. BLOUNT STREET 51 51 71
RALEIGH 27601
MEHARRY MED COLL 919 832-1667

DELEON, ARTURO DEJESUS FP /IM AC
1109 DRESSER COURT 61 71 75
RALEIGH 27609
FAR EAST U 919 872-4900

WAKE COMPONENT SOCIETY (Continued)

DELEON, ROSEMARY ESPINO AN AC 61 61 78
2903 ADRIAN COURT
RALEIGH 27604
FAR EAST U 919 829-9550

DEMARIA, WILLIAM JOHN PD AC 48 50 67
PO BOX 2291
DURHAM 27702
DUKE 919 493-8256

DETWEILER, DONALD GENE DR AC 78 80 83
2017 LANDINGS WAY
RALEIGH 27609
EMORY U 919 755-3023

DEWAR, WILLIAM BANKS IM L/RT 20 20 23
C/O J. HOPKINS
281 KNOLLWOOD DR.
ROCKY MOUNT, VA 24151
U OF PENN 703 483-9468

DORFMAN, MARGARET JEANNE P AC 77 81 82
DOROTHEA DIX HOSP.-PSY.
RALEIGH 27611
TUFTS U 919 733-9917

DUNLAP, WILLIAM MARSHALL ON /IM AC 65 65 73
3521 HAWORTH DR.
RALEIGH 27609
DUKE 919 782-1806

DURFEE, MICHAEL FULK ADL /PD AC 63 63 78
WAKE TEEN MEDICAL SERVICES
619 OBERLIN RD.
RALEIGH 27605
U OF VIRGINIA 919 828-0035

EASTWOOD, FREDERICK THOMAS PD L/RT 44 51 52
P. O. BOX 30203
RALEIGH 27622
TEMPLE U 919 787-1961

EDWARDS, ELMO STEPHEN PD AC 63 63 68
2800 BLUE RIDGE BLVD.,STE. 501
RALEIGH 27607
DUKE 919 781-7490

EDWARDS, GEORGE S., JR. HS /ORS AC 78 79 85
3410 EXECUTIVE DR.
RALEIGH 27609
U OF NC 919 872-5296

EDWARDS, GEORGE S., SR. ORS AC 57 57 62
3410 EXECUTIVE DRIVE
RALEIGH 27609
U OF NC 919 872-5296

EDWARDS, JAMES RONALD PTH AC 58 58 72
ROUTE #7, BOX 210-E
RALEIGH 27614
U OF NC 919 755-8260

EGERTON, COURTNEY DAVID GYN AC 46 47 54
P. O. BOX 18568
RALEIGH 27619
U OF LOUISVILLE 919 782-1273

EMERY, DARYL CHARLES IM /CD AC 81 82 86
1212 CEDARHURST DR.
RALEIGH 27609
BOWMAN GRAY

EPNER, RONALD ALAN ORS /HS AC 76 81 83
114 BRADY COURT
CARY 27511
CORNELL U 919 467-4992

ESHELMAN, THOMAS CARL R AC 67 68 75
8512 BOURNEMOUTH DR.
RALEIGH 27609
BOWMAN GRAY 919 755-3023

EURE, CHARLES ALLAN IM AC 67 67 73
3521 HAWORTH DR.
RALEIGH 27609
U OF NC 919 782-1806

EVANS, WALLACE NICKLES, II FP AC 73 73 75
121 EDINBURGH SOUTH, STE. 100
CARY 27511
U OF ALABAMA 919 467-3281

FAJGENBAUM, DAVID MONIEK ORS AC 75 75 80
3410 EXECUTIVE DRIVE
RALEIGH 27619
TULANE U 919 872-5296

FARLEY, WILLIAM WINFREE PD AC 43 47 52
3814 BROWNING PLACE
RALEIGH 27609
MED COLL OF VA 919 782-8326

FERDON, BENJAMIN BETHEA IM AC 62 62 69
3100 BLUE RIDGE BLVD.,#300
RALEIGH 27612
TULANE U 919 781-7500

FLEMING, PAUL ARTHUR GYN /PYM AC 55 60 61
3613 HAWORTH DR.
RALEIGH 27609
U OF UTRECHT 919 781-5550

FLEMING, ROBERT HENRY PD AC 60 60 64
2800 BLUE RIDGE BLVD.,STE 501
RALEIGH 27607
BOWMAN GRAY 919 781-7490

FORTIER, KENNETH JOSEPH OBG AC 76 76 85
2800 BLUE RIDGE BLVD. STE. 502
RALEIGH 27607
DARTMOUTH U 919 781-5513

FOSTER, WILLIAM WADE OPH AC 72 72 76
3320 EXECUTIVE DR., STE. 111
RALEIGH 27609
BOWMAN GRAY 919 876-2427

FOX, POWELL GRAHAM, JR. U AC 52 59 60
1108 DRESSER CT.
PO BOX 17908
RALEIGH 27619
MED COLL OF VA 919 876-4323

FRANKLIN, EARL RUFFIN PD AC 73 75 76
3803 COMPUTER DR., STE. 207
RALEIGH 27609
U OF NC 919 782-5273

FREEDMAN, STEVEN MITCHELL N AC 72 72 80
PO BOX 40999
RALEIGH 27629
U OF PENN 919 782-3456

FREEMAN, DOUGLAS G., JR. RHU /AI AC 68 68 77
3831 MERTON DRIVE
RALEIGH 27609
DUKE 919 781-9633

FRIEDLAND, BETH ROSENTHAL OPH /PA AC 79 80 85
10 PARK PLAZA,STE. 3
PO BOX 12765
RESEARCH TRIANGLE PK 27709
U OF FLORIDA 919 549-9135

FULGHUM, JAMES SPENCER, III NS AC 71 71 77
3009 NEW BERN AVE.
PO BOX 14027
RALEIGH 27610
U OF NC 919 832-4448

FULGHUM, MARY SUSAN KIRK OBG AC 71 71 77
100 S. BOYLAN AVENUE
RALEIGH 27603
U OF NC 919 832-5529

GADA, PRESTON HERBERT GS /TS AC 63 68 68
2800 BLUE RIDGE BOULEVARD
RALEIGH 27607
MED COLL OF VA 919 781-7412

GADDY, ROBERT EDWIN, JR. IM /CD AC 59 59 59
3900 BROWNING PLACE
RALEIGH 27609
DUKE 919 781-9650

GALLOWAY, JAMES HERVEY FP RT 50 50 53
2617 ROYSTER ROAD
RALEIGH 27608
U OF PENN 919 781-7547

GARRABRANT, EDGAR C. OTO AC 66 66 74
3010 ANDERSON DR.
PO BOX 18946
RALEIGH 27619
U OF NC 919 787-7171

GARSIDE, WILLIAM BLAKE PS AC 64 64 74
1112 DRESSER COURT
RALEIGH 27609
ST LOUIS U 919 872-2616

GASKIN, LEWIS JAMES AN AC 58 61 61
P. O. BOX 18139
RALEIGH 27619
EMORY U 919 781-7420

GERSTEIN, JARED DAVID EM /FP AC 71 73 78
1774 QUAIL RIDGE ROAD
RALEIGH 27609
GEO WASHINGTON U 919 872-6147

GINN, WILLIAM M. , JR. CD /IM AC 59 59 66
2800 BLUE RIDGE, STE. 205
RALEIGH 27607
U OF NC 919 782-0414

GOFF, DAVID ALBERT IM /PD AC 81 82 78
3400 EXECUTIVE DR.
RALEIGH 27609
U OF NC 919 878-0900

GOLDMAN, ALAN LAWRENCE PD AC 63 63 71
2800 BLUE RIDGE BLVD.,STE. 501
RALEIGH 27607
WASHINGTON U 919 781-7490

GOLDSTON, WILLIAM ROBERT OBG AC 63 63 73
2800 BLUE RIDGE BLVD.,STE.207
RALEIGH 27607
DUKE 919 781-5510

GOODSON, JOHN PHILLIP GS AC 63 63 75
3814 BROWNING PLACE
RALEIGH 27609
U OF NC 919 781-0710

GRANOVETTER, DAVID ALAN RHU /AI AC 74 77 79
3831 MERTON DRIVE
RALEIGH 27609
YALE 919 781-9633

GRANT, GEORGE REDD, JR. IM AC 63 63 69
3101 ESSEX CIRCLE
RALEIGH 27608
DUKE 919 782-2631

GRANT, HUGH JUDD, JR. OBG AC 69 69 75
100 S. BOYLAN AVENUE
RALEIGH 27603
U OF NC 919 832-5529

GREEN, JULIUS ALPHEUS, JR. R AC 57 57 64
P. O. BOX 19366
RALEIGH 27609
U OF NC 919 787-8221

GREER, THOMAS BYWATER OBG AC 54 54 61
P. O. BOX 18568
RALEIGH 27619
BOWMAN GRAY 919 782-1273

GROCE, JAMES GRAY P AC 71 71 80
DOROTHEA DIX HOSPITAL
RALEIGH 27611
U OF NC 919 733-5540

GROSSHANDLER, STANLEY LOUIS AN AC 55 55 78
1108 DRESSER CT.
RALEIGH 27609
OHIO STATE U 919 872-5330

GUGELMANN, RICHARD JOHN PD /ADL AC 71 71 84
919 KILDAIRE FARM ROAD
CARY 27511
U OF TEXAS 919 467-6666

GULLEDGE, SIDNEY LOY, III OPH AC 76 76 82
3400 EXECUTIVE DR., STE. 101
RALEIGH 27609
BOWMAN GRAY 919 878-0220

GUSTKE, SUSAN SHAW IM /HEM AC 64 70 76
4100 STRANAVER PLACE
RALEIGH 27612
WEST VA U 919 733-5431

HAAKENSON, GARY ALVIN OBG AC 72 72 79
3005 ESSEX CIRCLE
RALEIGH 27608
BAYLOR 919 782-3865

HAIZLIP, THOMAS MATTHEWS CHP /P AC 58 58 69
5201 REMBERT DRIVE
RALEIGH 27612
U OF NC 919 733-5344

HALL, ROBERT MCCUE PH /GPM AC 43 47 80
200 TRANSYLVANIA AVE.
RALEIGH 27609
HARVARD 919 781-5715

HALL, WARNER LEANDER, JR. OBG AC 61 61 69
P. O. BOX 18568
RALEIGH 27619
DUKE 919 782-1273

HAMMER, DOUGLAS IRA EM /GPM AC 62 63 75
P. O. BOX 30788
RALEIGH 27622
TUFTS U 919 848-4757

HAMRICK, ALGER VASON, III FP AC 72 72 79
1109 DRESSER COURT
RALEIGH 27609
U OF NC 919 872-4900

HARDISON, CYNTHIA STOLTZE IM AC 54 63 65
1212 CEDARHURST DR.
RALEIGH 27609
NORTHWESTERN U 919 872-4850

WAKE COMPONENT SOCIETY (Continued)

HARDISON, JOSEPH H., JR. IM /GE AC
1212 CEDARHURST DR. 56 56 64
RALEIGH 27609
DUKE 919 872-4850

HARPER, ROBERT NORMENT, JR. GE /IM AC
P. O. BOX 18700 77 77 82
1212 CEDARHURST DR.
RALEIGH 27609
BOWMAN GRAY 919 872-4850

HARPER, ROBERT NORMENT, SR. P AC
3131 GLENWOOD PROF. VILLAGE 51 51 53
RALEIGH 27608
BOWMAN GRAY 919 782-1555

HARRIS, ROBERT THOMAS IM /PYM AC
2800 BLUE RIDGE RD., STE. 503 78 81 86
RALEIGH 27607
EMORY U 919 782-7500

HART, TIMOTHY BERTRAND IM /PUD AC
1212 CEDARHURST DRIVE 79 80 84
RALEIGH 27609
MED COLL OF VA

HARTZOG, HENRY GERARD, III GS AC
3814 BROWNING PLACE 62 62 69
RALEIGH 27609
U OF NC 919 781-0710

HATTAWAY, ALEXANDER C., III OTO /HNS AC
3010 ANDERSON DR. 65 65 70
PO BOX 18946
RALEIGH 27619
U OF NC 919 787-7171

HAVEN, ANDREW EDDY OBG AC
3622 HAWORTH DR. 78 80 83
PO BOX 18568
RALEIGH 27619
U OF NC 919 782-1273

HAYES, DAVID ALLEN PUD /IM AC
1212 CEDARHURST DRIVE 72 72 79
RALEIGH 27609
U OF VIRGINIA 919 872-4850

HAYES, RICHARD IVAN OBG AC
1100 DRESSER COURT 66 66 75
RALEIGH 27609
OHIO STATE U 919 876-8225

HAYNES, LAWRENCE BOWMAN AN AC
1205 KERSHAW DR. 61 61 70
RALEIGH 27609
U OF TENNESSEE 919 782-2009

HAYWOOD, HUBERT BENBURY, III ID /IM AC
1212 CEDARHURST DR. 72 72 79
PO BOX 18700
RALEIGH 27619
U OF NC 919 872-4850

HAYWOOD, HUBERT BENBURY,JR. OPH AC
2109 BANBURY ROAD 41 46 52
RALEIGH 27608
DUKE 919 782-0236

HEATON, FREDERICK CHRISTIAN OBG AC
3805 COMPUTER DR. 72 72 76
RALEIGH 27609
U OF NC 919 781-6200

HELTON, WILLIAM CHARLES CDS /TS AC
4021 BARRETT DRIVE 69 69 78
RALEIGH 27609
U OF MIAMI 919 781-5335

HEMMERLEIN, ARTHUR HANS EM AC
1209 RAINWOOD LANE 73 74 86
RALEIGH 27605
ST LOUIS U 919 755-3100

HENDERSON, DAVID YEARDLEY OBG AC
5014 CORONADO DR. 81 84 85
RALEIGH 27609
MED COLL OF VA 919 684-2484

HENRICK, WILLIAM ROBERT AN AC
RALEIGH ANES. ASSOC. 71 72 80
P. O. BOX 18139
RALEIGH 27619
JEFFERSON 919 781-7420

HICKS, CHARLES HENRY CD AC
3400 EXECUTIVE DR. 76 77 82
RALEIGH 27609
U OF NC 919 872-8920

HOLT, WINDSOR AUSTIN OBG AC
1100 DRESSER COURT 64 64 71
RALEIGH 27609
CASE WESTERN RES 919 876-8225

HONEYCUTT, LATTIE FULLER DR AC
P. O. BOX 17947 67 67 76
RALEIGH 27619
U OF NC 919 872-4800

HORTON, ROBERT MARSHALL FP AC
3039 ESSEX CIRCLE, BLDG. A 72 73 75
RALEIGH 27608
MED COLL OF VA 919 782-2333

HOWIE, JOHN SANDALL PYA /P AC
3129 ESSEX CIRCLE 58 64 64
RALEIGH 27608
U OF NC 919 782-0616

HULL, KEITH LOWELL, JR. N /IM AC
3801 COMPUTER DR., STE. 202 75 79 82
RALEIGH 27609
DUKE 919 782-3456

HUNTER, ROBERT MERRILL CDS /TS AC
3020 NEW BERN AVE. 78 83 78
RALEIGH 27610
BOWMAN GRAY 919 821-2227

HWANG, YINNAN GARY FP AC
PO BOX 425 70 70 86
ZEBULON 27597
CHINA MED COLL 919 269-4101

JACOBSON, ROBERT CARL AN AC
P. O. BOX 18139 79 84 85
RALEIGH 27619
GEORGETOWN U 919 755-3034

JAIN, REKHA IM /PD AC
5813 NORTH BOULEVARD 76 80 84
RALEIGH 27604
GANDHI MED. COLL 919 878-8620

JEFFERS, ROBERT GORDON PD /ADL AC
3803 COMPUTER DR. STE. 207 74 74 83
RALEIGH 27609
TULANE U 919 782-5273

JENKINS, ALBERT MILTON R AC
400 SCOTLAND ST. 47 53 53
RALEIGH 27609
U OF CINCINNATI 919 787-4754

JOHNSON, ALBIN WILLARD OPH AC
2800 BLUE RIDGE BLVD.,STE. 409 58 64 65
RALEIGH 27607
DUKE 919 781-7400

JOHNSON, CHARLES ROSS P AC
4000 BLUE RIDGE RD. STE. 100 65 65 70
RALEIGH 27612
BOWMAN GRAY 919 781-8700

JOHNSON, ROBERT BRUCE D AC
915 KILDAIRE FARM RD. 78 82 86
CARY 27511
DUKE 919 467-8556

JOHNSON, STEPHEN EDWARD EM /IM AC
10501 LEAFWOOD COURT 75 76 82
RALEIGH 27612
CASE WESTERN RES 919 755-3100

JOHNSTON, FRANK SMITH, JR. IM AC
3900 BROWNING PLACE 59 59 69
RALEIGH 27609
U OF NC 919 781-9650

JONES, DAVID HERMAN OPH AC
3900 BROWNING PLACE 59 59 66
RALEIGH 27609
U OF NC 919 787-2758

JONES, WILLIAM BURNS, JR. PH AC
620 N. WEST ST. 55 60 60
RALEIGH 27603
MED U OF SC 919 733-3364

KAASA, LAURIN JUUL PTH L
3000 NEW BERN AVENUE 42 61 61
RALEIGH 27610
U OF MINN 919 755-8260

KAMM, RICK RANDE OBG AC
4909 MOREHEAD DRIVE 70 71 77
RALEIGH 27612
U OF IOWA 919 781-6200

KANE, RICHARD DOUGLAS U AC
3900 BROWNING PLACE 71 73 78
RALEIGH 27609
NORTHWESTERN U 919 781-5104

KANICH, ROBERT EMIL PTH AC
4420 LAKE BOONE TRAIL 62 62 77
RALEIGH 27607
MED COLL OF VA 919 755-3057

KANOF, ELIZABETH PASCHER D AC
3400 EXECUTIVE DRIVE 60 65 66
RALEIGH, N, C. 27609
NEW YORK U 919 878-0310

KARAM, MICHAEL QUSTANDI IM /ON AC
3801 COMPUTER DR., STE. 212 67 76 78
RALEIGH 27609
CAIRO U 919 781-2643

KAYYE, PAUL THOMAS P /CHP AC
325 N. SALISBURY ST. 62 63 86
RALEIGH 27611
U OF MIAMI 919 733-7011

KEENEY, RONALD ERIC PD /ID AC
5 MOORE DR., GLAXO, INC. 68 69 78
RESEARCH TRIANGLE PK 27709
U OF MISSOURI 919 248-2568

KENAN, LEROY FULTON FP AC
3801 COMPUTER DRIVE 56 56 59
RALEIGH 27609
BOWMAN GRAY 919 787-0302

KENNEDY, WILLARD LEE CD /IM AC
3400 EXECUTIVE DR., STE. 201 75 75 81
RALEIGH 27609
BOWMAN GRAY 919 872-8920

KERMON, LOUIS TODD IM /CD AC
2708 PEACHTREE ST. 50 50 52
RALEIGH 27608
JEFFERSON 919 782-2333

KILEY, JAMES WILLIAM OPH AC
3320 EXECUTIVE DR. 76 76 81
RALEIGH 27609
U OF CINCINNATI 919 876-2427

KIM, YOUNG CUE IM AC
209 W. MILLBROOK ROAD 68 75 77
RALEIGH 27609
KOREA U 919 781-5933

KIMBRELL, ODELL C., JR. IM /END AC
240 BRYAN BUILDING 51 51 60
RALEIGH 27605
U OF PENN 919 828-6393

KING, JAMES LEROY AN AC
1028 WASHINGTON ST. 58 58 62
RALEIGH 27605
BOWMAN GRAY 919 833-5085

KIRK, CHARLES DAYTON AN AC
RALEIGH ANESTHESIA ASSOC. 69 69 77
P. O. BOX 18139
RALEIGH 27619
U OF NC 919 872-4800

KITCHIN, TINA CIESIEL PD AC
4024 BARRETT DR. STE. 102 78 81 82
RALEIGH 27609
U OF OREGON 919 782-0341

KOOMEN, JACOB, JR. PH AC
909 DOGWOOD LANE 45 58 60
RALEIGH 27607
U OF ROCHESTER 919 834-4355

KOPP, ELLIOT JOSEPH RHU /AI AC
3831 MERTON DR. 73 73 86
RALEIGH 27609
SYRACUSE 919 781-9633

KORNEGAY, RAYMOND DEWITT CDS /TS AC
2800 BLUE RIDGE BLVD.,STE. 306 45 45 56
RALEIGH 27607
BOWMAN GRAY 919 782-7900

KRATZ, ROBERT KEVIN EM /IM AC
3000 NEW BERN AVE. 73 73 78
RALEIGH 27610
U OF KENTUCKY 919 782-3969

KUNSTLING, TED RICHARD PUD /IM AC
1212 CEDARHURST DR. 68 68 75
RALEIGH 27609
DUKE 919 872-4850

KURZMANN, RICHARD WALTER OBG AC
2800 BLUE RIDGE BLVD. STE. 206 69 72 78
RALEIGH 27607
U OF VIRGINIA 919 781-7450

KUSUMI, YOSHITARO P /PYM AC
1004 DRESSER COURT, STE. 106 61 71 75
RALEIGH 27609
NIHON U 919 876-5530

LAMBETH, WILLIAM ARNOLD, III PS /GS AC
1112 DRESSER COURT 71 71 82
RALEIGH 27609
U OF NC 919 872-2616

WAKE COMPONENT SOCIETY (Continued)

LANNING, CHARLES FREDRIC AN AC
14208 ALLISON DR. 69 70 74
RALEIGH 27614
U OF KANSAS 919 832-7988

LAPP, CHARLES WARREN IM /PD AC
3400 EXECUTIVE DRIVE 74 74 74
RALEIGH 27609
ALBANY MED COLL 919 878-0900

LARSON, JOHN DAVID, JR. EM /OBG AC
8100 BENTWOOD PLACE 43 47 59
RALEIGH 27609
GEO WASHINGTON U 919 755-8500

LAWRENCE, BENJAMIN J., SR. GS L
3003-A LAWRELYN DRIVE 18 18 19
MOUNT AIRY 27030
JEFFERSON 919 786-2925

LEE, MYOUNG WOON OBG /GS AC
1001 NAVAHO DRIVE 60 60 79
RALEIGH 27609
PUSAN NATL U 919 872-3372

LEE, WILLIAM DAVID FP AC
3100 BLUE RIDGE RD., STE. 302 74 74 77
RALEIGH 27612
U OF NC 919 782-0146

LEET, DOUGLAS CHARLES U AC
1108 DRESSER COURT 75 77 82
RALEIGH 27609
U OF CHICAGO 919 782-9372

LEGRAND, GORDON BUCK PTH AC
3000 NEW BERN AVENUE 65 65 72
RALEIGH 27610
U OF NC 919 755-8260

LEHAN, LEIGH STEELE PD AC
2800 BLUE RIDGE RD., STE. 501 81 84 86
RALEIGH 27607
U OF NC 919 781-7490

LEVINE, RONALD H. PH /PD AC
2404 WHITE OAK ROAD 59 65 66
RALEIGH 27609
ST U OF NEW YORK 919 782-0838

LINSTER, DOROTHY MAE OBG AC
11613 APPALOUSA RUN WEST 78 80 83
RALEIGH 27612
U OF NC

LITTLETON, ROBERT ELTON OBG AC
3622 HAWORTH DR. 81 82 85
RALEIGH 27609
U OF NC 919 782-1273

LOCKLEAR, JIMMY IM /CD AC
1212 CEDARHURST DR. 80 83 85
PO BOX 18700
RALEIGH 27609
U OF NC 919 872-4850

LOVE, NICHOLAS ARMISTEAD FP RT
P. O. BOX 25627 52 52 57
RALEIGH 27611
U OF VIRGINIA 919 832-6766

LOWRY, OTIS MEGEL AC
BOX 1090 SPRING HOPE CLI. 56 56 57
SPRING HOPE 27882
U OF NC 919 478-5344

LOWRY, ROY FRANK, JR. OPH AC
4024 BARRETT DR., STE. 103 68 68 74
RALEIGH 27609
U OF NC 919 787-3241

LUCEY, DONALD TRUESDELL U AC
2800 BLUE RIDGE BLVD. STE. 403 63 63 71
RALEIGH 27607
DUKE 919 781-7113

MACCORMACK, JOHN NEWTON PH AC
P. O. BOX 2091 62 62 75
RALEIGH 27602
U OF NC 919 733-3421

MADDOX, THOMAS WILBUR GS /VS AC
3814 BROWNING PLACE 79 80 86
RALEIGH 27609
U OF ALABAMA 919 781-0710

MADRY, HERBERT RAYMOND, JR. DR AC
2105 WHITE OAK ROAD 56 56 62
RALEIGH 27608
BOWMAN GRAY 919 833-9838

MAJORS, ROBERT POWELL, JR. OTO AC
3010 ANDERSON DR. 61 61 71
PO BOX 18946
RALEIGH 27619
GEO WASHINGTON U 919 787-7171

MANGANO, CHARLES ANGELO, JR. CD /IM AC
3020 NEW BERN AVE. STE. 420 74 75 79
RALEIGH 27610
U OF ROCHESTER 919 833-5111

MANLY, ISAAC VAUGHN GS /TS AC
2800 BLUE RIDGE BOULEVARD 46 46 55
RALEIGH 27607
HARVARD 919 781-7410

MANN, CARROLL LAMB, III NS AC
3009 NEW BERN AVE. 63 63 70
PO BOX 14027
RALEIGH 27620
U OF NC 919 832-4448

MANN, JAMES TIFT, III CD AC
WAKE HEART ASSOCIATES 69 70 78
PO BOX 14427
RALEIGH 27620
U OF NC 919 832-9253

MARKS, JOHN JACOB GYN AC
5512 HAWTHORNE PARK 79 80 86
RALEIGH 27612
U OF NC 919 848-1990

MARTIN, PHILIP L. OPH AC
3320 EXECUTIVE DR., STE. 210 73 75 76
RALEIGH 27609
U OF NC 919 872-0572

MARTIN, SIDNEY ARNOLD OM /FP AC
3141 ESSEX CIRCLE 53 53 57
RALEIGH 27608
BOWMAN GRAY 919 782-0911

MARUCHECK, JOHN THOMAS IM AC
6217 DRESDEN LANE 78 79 83
RALEIGH 27612
U OF OKLAHOMA 919 878-0900

MASON, ERIC W. AN AC
PO BOX 18139 80 81 85
RALEIGH 27619
U OF MIAMI 919 755-3034

MASSENGILL, G.K. GS L/RT
3308 TIMBER LAKE ROAD 36 36 57
RALEIGH 27604
DUKE 919 872-6924

MCDANIEL, WILLIAM JASON, JR. ORS AC
P. O. BOX 10707 67 67 72
RALEIGH 27605
U OF NC 919 781-5600

MCDOWELL, ROBERT WARREN GP AC
734 ROCK QUARRY ROAD 51 53 67
RALEIGH 27610
MEHARRY MED COLL 919 832-5389

MCGRORY, EDWARD JOSEPH,JR. OPH AC
3900 OLD WAKE FOREST ROAD 74 75 80
RALEIGH 27609
MED U OF SC 919 872-3242

MCKENZIE, SHEPPARD A., III OBG /IM AC
3805 COMPUTER DRIVE 74 74 79
RALEIGH 27609
U OF NC 919 781-6200

MCLAIN, LEE WILLIAM, JR. N AC
PO BOX 40999 61 61 86
RALEIGH 27629
DUKE 919 782-3456

MCLAURIN, ANNE NORRIS FP AC
600 WADE AVENUE 74 76 79
RALEIGH 27605
U OF CINCINNATI 919 755-1888

MCMANUS, HUGH FORREST, JR. IM L
722 ST. MARY'S STREET 38 38 41
RALEIGH 27605
MED U OF SC 919 832-6510

MCREE, CHRISTINE ELLIS CHP AC
DOROTHEA DIX HOSP.- PSY. 46 46 75
RALEIGH 27611
TULANE U 919 733-5344

MEDLIN, CHARLES THOMAS FP AC
2000 HIGHWAY 70 WEST 52 52 53
GARNER 27529
BOWMAN GRAY 919 772-3266

MELTZER, MORTON FP /P AC
ROUTE 1, BOX 231-A 65 65 70
CAMERON 28326
NEW YORK MED COL 919 245-4819

MERWARTH, CHARLES RICHARD IM /A AC
2800 BLUE RIDGE BLVD. #503 55 55 63
RALEIGH 27607
DUKE 919 782-7500

MILLER, PHILIP RAIFORD IM /CD AC
3100 BLUE RIDGE RD. 67 67 73
RALEIGH 27612
BOWMAN GRAY 919 781-7500

MILLER, WILLIAM STACEY D AC
3801 COMPUTER DRIVE 61 61 69
RALEIGH 27609
U OF NC 919 782-2152

MILLWARD, DAVID KENT CD /IM AC
1212 CEDARHURST DR. 65 65 72
RALEIGH 27609
GEO WASHINGTON U 919 872-4850

MODROW, PETER ALBERT AN /P AC
805 FAULKNER PLACE 65 66 72
RALEIGH 27609
U OF NC 919 876-0581

MOHR, LINDA CHAPPELL OBG AC
1100 DRESSER COURT 80 81 85
RALEIGH 27609
U OF NC 919 876-8225

MONG, JAMES ARTHUR OBG AC
100 S. BOYLAN AVENUE 80 83 84
RALEIGH 27603
U OF CINCINNATI 919 832-5529

MONTGOMERY, STEPHEN PAUL ORS AC
P. O. BOX 10707 74 74 80
RALEIGH 27605
RUSH MED COLL 919 781-5600

MOORE, GEORGE HORACE FP AC
833 DURHAM RD., STE. C 81 81 80
WAKE FOREST 27581
EAST CAROLINA U 919 556-6762

MORESCHI, RAFAEL MARIANO IM /CD AC
105-A KILMAYNE DR. 72 81 84
CARY 27511
U OF ASUNCION 919 467-2253

MORROW, SARAH TAYLOR PH /PD AC
3304 WADE AVE. 44 45 61
RALEIGH 27607
U OF MARYLAND 919 851-9305

MOSELEY, JAMES RENNIE FP AC
340 N. MAIN STREET 54 54 70
WAKE FOREST 27587
U OF ALABAMA 919 556-4826

MOSELEY, ROBERT GALLOWAY PD AC
RT. #7, BOX 210-G 57 57 62
RALEIGH 27614
DUKE 919 782-0194

MOSER, WADE HAUSER, JR. DR AC
CAPITAL RADIOLOGY ASSOC. 74 74 73
P. O. BOX 17947
RALEIGH 27619
U OF NC 919 847-8564

MULVANEY, GERALD GARFIELD OBG AC
11613 APPALOOSA RD., WEST 78 80 83
RALEIGH 27612
BOSTON U

MUNT, ROBERT LAWRENCE, JR. PD AC
4505 FAIR MEADOWS LN. #101 77 77 82
RALEIGH 27607
U OF NC 919 787-5495

MYERS, RICHARD STANTON GS /TS AC
2800 BLUE RIDGE BOULEVARD 65 65 73
RALEIGH 27607
WASHINGTON U 919 781-7414

NELSON, ROBERT BARRY ORS AC
P. O. BOX 10707 65 65 72
RALEIGH 27605
NORTHWESTERN U 919 781-5600

NEWELL, LANNING RICHARD GE /IM AC
3320 EXECUTIVE DR. STE. 119 75 77 81
RALEIGH 27609
U OF NC 919 878-9465

WAKE COMPONENT SOCIETY (Continued)

NEWMAN, WILLIAM NEAL CD /IM AC
77 82 83
WAKE HEART ASSOCIATES
PO BOX 14427
RALEIGH 27620
DUKE 919 832-9253

NG, GODOFREDO TAN GS /TS AC
62 62 70
1101 DRESSER COURT
RALEIGH 27609
U OF PHILIPPINES 919 876-2010

NICHOLS, MARK LOVEL IM /EM AC
71 73 84
2425 COLEY FOREST PLACE
RALEIGH 27612
MED COLL OF VA 919 755-8589

NOAH, VAN BATCHELOR OPH AC
66 66 72
3900 OLD WAKE FOREST RD. #104
RALEIGH 27609
BOWMAN GRAY 919 872-3242

NUNNALLY, JAMES THOMAS, III CHP /P AC
59 59 71
2000 YORKGATE DRIVE
RALEIGH 27612
MED COLL OF GA 919 781-1160

NUTT, JAMES EDWARD CD /IM AC
74 75 81
3400 EXECUTIVE DR., STE. 201
RALEIGH 27609
MED COLL OF GA 919 872-8920

OLIVER, FREDERICK C., JR. IM AC
75 76 79
103 BAINES COURT
CARY 27511
MED U OF SC 919 467-6125

ORNITZ, ROBERT DAVID ON /TR AC
71 75 79
4420 LAKE BOONE TRAIL
RALEIGH 27607
U OF OKLAHOMA 919 755-3018

OSTROW, BARRY SEYMOUR P AC
66 66 74
3049 ESSEX CIR. BLDG. A
RALEIGH 27608
U OF MICHIGAN 919 782-1366

OVERCASH, HAROLD PAYNE PD AC
79 82 77
6905 WINDTREE CIRCLE
RALEIGH 27612
U OF NC 919 787-0266

PAAR, JOHN ARTHUR CD /IM AC
60 61 68
1212 CEDARHURST DR.
RALEIGH 27609
U OF PITTSBURGH 919 872-4850

PACKER, JOHN WESLEY ORS /HS AC
65 65 72
3515 GLENWOOD AVE.
PO BOX 10707
RALEIGH 27605
BOWMAN GRAY 919 781-5600

PAGE, ERNEST BENJAMIN,JR. IM AC
49 53 55
2800 BLUE RIDGE BLVD.,STE. 503
RALEIGH 27607
DUKE 919 782-7500

PARKER, MICHAEL YOUNG OTO /HNS AC
78 80 76
3100 BLUE RIDGE RD., STE. 201
RALEIGH 27612
U OF NC 919 787-1374

PARNELL, JEROME PATRICK,II U AC
74 75 82
3900 BROWNING PLACE
RALEIGH 27609
ST U OF NEW YORK 919 781-5104

PARSONS, JAMES SHERIDAN IM AC
76 76 75
704 W. JONES STREET
RALEIGH 27603
U OF NC 919 832-5125

PASCHAL, GEORGE W., JR. GS L/RT
31 31 46
3334 ALAMANCE DRIVE
RALEIGH 27609
JEFFERSON 919 787-2177

PASCHAL, GEORGE W., III GS /CDS AC
73 73 78
3814 BROWNING PLACE
RALEIGH 27609
BOWMAN GRAY 919 781-0710

PATE, DEWEY HARRIS PTH AC
58 66 67
WAKE MEMORIAL HOSPITAL
RALEIGH 27610
U OF NC 919 755-8260

PATE, JAMES LLOYD FP AC
48 49 51
8500 BANNISTER CT.
RALEIGH 27609
BOWMAN GRAY 919 847-7421

PATTERSON, HUBERT C. OTO /MFS AC
74 74 84
P. O. BOX 18946
RALEIGH 27619
U OF NC 919 787-7171

PEARSON, JOHN KENT FP AC
53 53 56
P. O. BOX 727
APEX 27502
DUKE 919 362-8312

PEDIADITAKIS, NICHOLAS P. P AC
54 61 61
5100 LEADMINE ROAD
RALEIGH 27612
U THESSALONIKI 919 787-0710

PETERS, BRYAN MACLIN DR AC
81 85 80
3821 MERTON DR.
RALEIGH 27609
DUKE 919 755-8511

PIERCE, EDWIN LEE IM AC
52 52 60
2618 CHURCHILL ROAD
RALEIGH 27608
BOWMAN GRAY 919 787-6762

PIERSON, WILLARD CRESSE, JR. GE /IM AC
66 66 73
1212 CEDARHURST DR.
RALEIGH 27609
DUKE 919 872-4850

PIKE, MICHAEL ROBERT GE /IM AC
73 74 81
1151 KILDAIRE FARM ROAD
CARY 27511
MT SINAI MED COL 919 469-1858

POLLOCK, MORRIS ARTHUR GE /IM AC
69 70 77
1212 CEDARHURST DR.
RALEIGH 27609
JEFFERSON 919 872-4850

POOLE, JAMES MORRISON PD /ADL AC
76 79 84
3803 COMPUTER DR., STE. 207
RALEIGH 27609
MED U OF SC 919 782-5273

POOLE, TERRY WAYNE OBG AC
73 73 79
2500 BLUE RIDGE CTR., STE. 401
RALEIGH 27607
BOWMAN GRAY 919 781-5510

POWELL, DAVID CLIFTON GS AC
78 79 75
1108 DRESSER COURT
RALEIGH 27609
U OF NC 919 876-2010

PRATT, LAURA WINSTEAD FP AC
72 72 74
3400 EXECUTIVE DR. STE. 203
RALEIGH 27609
BOWMAN GRAY 919 878-0340

PRICE, HARVEY CRAIG HNS AC
78 80 83
1905 STURBRIDGE COURT
RALEIGH 27612
U OF NC 919 782-8955

PRITCHETT, NEWTON GEORGE IM AC
42 53 53
2800 BLUE RIDGE, STE. 205
RALEIGH 27607
DALHOUSIE U 919 782-0414

PROCTER, WILLIAM IVAN IM AC
57 57 64
3900 BROWNING PLACE
RALEIGH 27609
DUKE 919 781-9650

PUGH, VERNON WATSON, JR. PD AC
53 53 57
1321 OBERLIN ROAD
RALEIGH 27608
JEFFERSON 919 828-4747

PURNELL, WILLIAM DAVID OPH AC
71 71 79
801 OBERLIN ROAD, STE. 220
RALEIGH 27605
BOWMAN GRAY 919 828-0628

QUIGLESS, MILTON DOUGLAS, JR. GS AC
71 72 79
100 SUNNYBROOK ROAD
P. O. BOX 14445
RALEIGH 27620
MEHARRY MED COLL 919 821-5771

QUINN, CLIFTON LEE P AC
54 54 55
3125 GLENWOOD PROF VILLAGE
RALEIGH NC 27608
U OF NC 919 782-0166

RADFORD, WANDA LEE OBG AC
75 75 75
2800 BLUE RIDGE BLVD.,STE. 206
RALEIGH 27607
U OF NC 919 781-7450

RAMQUIST, NEIL ALBERT DR AC
77 78 79
713 NEW KENT PLACE
CARY 27511
U OF CA-DAVIS 919 755-3023

REDDY, AMARENDRA BUSA CD /IM AC
68 74 76
3020 NEW BERN AVE., STE. 410
RALEIGH 27610
GANDHI MED COLL 919 828-8967

REES, MICHAEL STEVENS IM AC
76 76 79
3101 ESSEX CIRCLE, BLDG. E
RALEIGH 27608
VANDERBILT U 919 782-2631

REIBEL, DONALD BAUMANN ORS AC
57 64 64
P. O. BOX 10707
RALEIGH 27605
INDIANA U 919 781-5600

REJENT, MARIAN MAGDALEN PD /PH AC
46 47 82
920 HAMPSHIRE COURT
CARY 27511
M C OF WISCONSIN 919 467-4652

RENDLEMAN, DAVID ATWELL, III ORS AC
70 70 78
3410 EXECUTIVE DRIVE
RALEIGH 27609
U OF NC 919 872-5296

RHODES, JOHN FLINT U AC
62 62 70
2800 BLUE RIDGE BLVD. STE. 403
RALEIGH 27607
U OF NC 919 781-7113

RHODES, JOHN SLOAN U L/RT
29 29 36
10 SPRINGMOOR DRIVE
RALEIGH 27609
HARVARD 919 848-7010

RHYNE, JIMMIE LEE PH /PD AC
48 48 56
DIV.OF HEALTH SERVICES
PO BOX 2091
RALEIGH 27602
U OF MARYLAND 919 733-7791

ROBERTS, SURRY PARKER RHU /IM RT
66 66 76
700 RUNNYMEDE ROAD
RALEIGH 27607
U OF NC 919 781-1274

ROBIE, WILLIAM ADLAI PD /A AC
42 64 66
1321 OBERLIN ROAD
RALEIGH 27608
GEO WASHINGTON U 919 828-4747

ROBINSON, CHARLES HALL, JR. OPH AC
75 76 73
3900 OLD WAKE FOREST ROAD
SUITE 104
RALEIGH 27609
DUKE 919 781-7224

ROLLINS, ROBERT LEROY, JR. P /FOP AC
56 56 60
2500 WAKE DRIVE
RALEIGH 27608
DUKE 919 733-5525

ROOD, MARY FRANCES MUNCH P AC
55 55 59
215 S. ACADEMY ST.
CARY 27511
U OF NC 919 467-9730

ROYSTER, CHAUNCEY LAKE IM L/RT
35 35 41
1801 MCDONALD LANE
RALEIGH 27608
CORNELL U 919 832-0796

RUARK, ROBERT JAMES OBG L/RT
31 32 34
525 WADE AVENUE, APT. #51
RALEIGH 27605
U OF PENN 919 832-4722

RUIZ, FERNANDO REY P /GER AC
65 77 82
4096 BARRETT DR.
RALEIGH 27609
U OF CHILE 919 832-7606

RUSSELL, ROGER BIVINS PS /GS AC
76 80 84
2501 NORTH ST., STE. 500
RALEIGH 27607
BOWMAN GRAY 919 782-7762

SAAD, MAGED HANNA P /GP AC
61 75 75
3010 FALSTAFF ROAD
RALEIGH 27610
CAIRO U 919 821-0300

SALEEBY, RICHARD GEORGE CRS AC
46 47 55
3801 COMPUTER DRIVE
RALEIGH 27609
JEFFERSON 919 787-2542

SALTER, TERESA PALMER PD AC
75 75 80
101 W. DURHAM ROAD
CARY 27511
U OF NC 919 467-5543

WAKE COMPONENT SOCIETY (Continued)

SANCHEZ, CLARE JEANNE GER /IM AC
3000 NEW BERN AVE. 75 77 85
WAKE AHEC MED. TEACHING SERV.
RALEIGH 27610
U OF COLORADO 919 755-8520

SANDERS, LEE HYMAN PD AC
2502 ANDERSON DRIVE 42 42 46
RALEIGH 27608
TEMPLE U 919 787-9888

SATTERFIELD, BENTON SAPP OBG AC
3005 GLENWOOD PROF. VILLAGE 62 62 65
RALEIGH 27608
DUKE 919 782-3865

SCANLAN, JAMES GEORGE CD /IM AC
3400 EXECUTIVE DR., STE. 201 73 74 80
RALEIGH 27609
NORTHWESTERN U 919 872-8920

SCARBOROUGH, DAWSON EMERSON PTH AC
WAKE CO. MED. CTR.,-PATH. 62 62 71
RALEIGH 27610
U OF NC 919 755-8260

SCARBOROUGH, WALTER AVERY, JR. P AC
1004 DRESSER COURT, STE. 101 67 67 75
RALEIGH 27609
DUKE 919 876-0090

SCHAAF, ROBERT EDMUND DR AC
C/O WAKE RAD. CONSULTANTS 76 77 81
P. O. BOX 19366
RALEIGH 27619
TUFTS U 919 787-8199

SCHECTER, NANCY POST N AC
3320 EXECUTIVE DRIVE 79 83 84
RALEIGH 27609
DUKE 919 872-0940

SCHUMACK, EDWARD JAMES P /FP AC
400 NEWTON ROAD 66 72 85
RALEIGH 27609
LOYOLA U 919 847-0008

SCHUMANN, DEBORAH JEWELL OPH AC
110 BRADY COURT 75 82 86
CARY 27511
U OF MARYLAND 919 467-4500

SCHURTER, LONIS LEON LM RT
505 NORTHWOOD CIRCLE 46 65 66
GARNER 27529
U OF OKLAHOMA 919 772-3363

SCHWARZ, RONALD PAUL GE /IM AC
3521 HAWORTH DR. 77 79 83
RALEIGH 27609
CORNELL U 919 782-1806

SCOTT, HARRY WHITE D AC
3900 BROWNING PL.,STE. 202 62 62 71
RALEIGH 27609
U OF NC 919 782-2735

SEDWITZ, JOSEPH LEE GS /GYN AC
231 HOSPITAL ROAD 51 61 61
ZEBULON 27597
U OF VIRGINIA 919 269-9310

SELLERS, BOBBY EUGENE P AC
3900 BROWNING PLACE 63 64 64
RALEIGH 27609
U OF TENNESSEE 919 787-7125

SENTER, WILLIAM JEFFRESS IM /CD AC
704 W. JONES STREET 42 42 49
RALEIGH 27603
U OF MARYLAND 919 832-5125

SHAH, PRIYAVADAN MANEKLAL CD /IM AC
121 EDINBURGH ST. #208 72 73 82
CARY 27511
BARODA U 919 469-9919

SHAW, DALE RUSSELL DR AC
P. O. BOX 19366 73 73 73
RALEIGH 27619
DUKE 919 787-8199

SHEARIN, WILLIAM ARTHUR OPH AC
2800 BLUE RIDGE BLVD., STE.405 62 62 67
RALEIGH 27607
DUKE 919 781-7373

SHICK, JAFAR MO AN AC
1028 WASHINGTON ST. 61 62 72
RALEIGH 27605
U OF TEHRAN 919 755-8000

SIDES, EVIN HENDERSON, III IM /ID AC
3320 EXECUTIVE DR. 65 65 71
RALEIGH 27609
U OF NC 919 876-9688

SINCLAIR, LOUIS GORDON GS /GYN L/RT
3309 WHITE OAK ROAD 33 33 39
RALEIGH 27609
U OF PENN 919 787-9356

SMITH, STEPHEN WAYNE IM /CD AC
2800 BLUE RIDGE, STE. 205 73 74 75
RALEIGH 27607
U OF NC 919 782-0414

SNYDER, EDWARD SUTTON DR /NM AC
1216 BARCROFT PLACE 65 65 72
RALEIGH 27609
GEORGETOWN U 919 847-1289

SPAIN, ROBERT SPRUILL IM AC
3707 OLD LASSITER MILL ROAD 46 46 55
RALEIGH 27609
WASHINGTON U 919 782-2805

SPARROW, NATHANIEL LOUIS OTO AC
3010 ANDERSON DR. 57 57 65
PO BOX 18946
RALEIGH 27619
U OF NC 919 787-7171

SPRUNT, WM HUTCHINSON, III R /RHU AC
6508 BROOKHOLLOW DR. 45 48 53
RALEIGH 27609
HARVARD 919 787-8199

STALLINGS, TOLBERT LACY GS AC
3814 BROWNING PLACE 54 54 59
RALEIGH 27609
DUKE 919 781-0710

STILES, EDDIE PHILLIPS FP AC
BOX A 63 63 66
APEX 27502
U OF NC 919 362-7353

STIRMAN, JERRY A., JR. GS /TS AC
1101 DRESSER COURT 74 74 80
RALEIGH 27609
U OF TEXAS 919 876-2010

STOCKS, LEWIS HENRY, III GS /TS AC
1108 DRESSER COURT 71 73 76
RALEIGH 27609
M C OF WISCONSIN 919 876-2010

STRATAS, NICHOLAS EMANUEL P /HYP AC
3900 BROWNING PLACE, STE. 201 57 60 63
RALEIGH 27609
U OF TORONTO 919 787-7125

STYRON, CHARLES WOODROW IM /DIA L
615 ST. MARY'S STREET 38 46 46
RALEIGH 27605
DUKE 919 828-7773

SULLIVAN, WILLIAM GREGORY GS AC
3400 EXECUTIVE DR., STE. 104 60 61 73
P. O. BOX 17200
RALEIGH 27619
LOYOLA U 919 876-2732

SUMMERLIN, ARTHUR ROGERS OBG AC
2800 BLUE RIDGE BLVD. #401 48 48 57
RALEIGH 27607
U OF VIRGINIA 919 781-5504

SWAIM, LINDIAN JOSEPH, JR. OBG AC
2500 BLUE RIDGE RD., STE. 219 73 73 83
RALEIGH 27607
U OF NC 919 782-1273

SWEENEY, CHARLES LESLIE, JR. FP AC
P. O. BOX 17263 57 57 62
RALEIGH 27619
DUKE 919 787-5211

TAYLOR, MICHAEL ALAN PD AC
4505 FAIR MEADOWS LN.STE. 101 76 77 80
RALEIGH 27607
U OF LOUISVILLE 919 787-5495

TELFER, JAMES GAVIN, JR. IM /FP AC
305 S. ACADEMY STREET 71 77 78
CARY 27511
WASHINGTON U 919 467-7528

THOMAS, BEN DAVID FP AC
P. O. BOX 247 44 46 47
ZEBULON 27597
MED U OF SC 919 269-9111

THOMAS, EDWIN SCOTT IM AC
106 E. PARK ST. 64 64 85
CARY 27511
U OF NC 919 467-8168

THOMPSON, BENJAMIN E., JR. GP AC
301 S. ACADEMY STREET 58 58 61
CARY 27511
U OF NC 919 467-9961

THORNHILL, EDWIN HALE OTO /OPH L
720 W. JONES STREET 38 41 42
RALEIGH 27603
DUKE 919 834-7341

THORNHILL, GEORGE TUDOR OPH AC
720 W. JONES STREET 41 49 50
RALEIGH 27603
DUKE 919 834-7341

THULLEN, JAMES DONALD PD /NPM AC
2311 LAKE DRIVE 70 70 82
RALEIGH 27609
DES MOINES OST 919 755-8545

TILSON, HUGH H. GPM /PH AC
3030 CORNWALLIS RD. 64 64 79
RESEARCH TRIANGLE PK 27709
WASHINGTON U 919 248-4354

TOSKY, GEORGE MICHAEL OBG AC
3000 NEW BERN AVE. 81 82 86
RALEIGH 27610
BOWMAN GRAY 919 755-8535

TOVE, NANCY LOUISE FP AC
3100 BLUE RIDGE RD. 82 83 86
RALEIGH 27612
U OF NC 919 782-0146

TUCKER, GEORGE FRANKLIN FP AC
P. O. BOX 246 52 52 53
ZEBULON 27597
MED COLL OF VA 919 269-9144

TYREE, LARRY ALLEN FP AC
1109 DRESSER COURT 62 62 68
RALEIGH 27609
BOWMAN GRAY 919 872-4900

UMPHLET, THOMAS LEONARD IM L/RT
2519 WHITE OAK ROAD 34 34 39
RALEIGH 27609
U OF PENN 919 787-9650

UNGER, HENRY ALAN U AC
915 KILDAIRE FARM ROAD 72 76 81
CARY 27511
VANDERBILT U 919 467-3203

VALONE, JAMES AUSTIN PS /GS L
2800 BLUE RIDGE BLVD.,#304 36 47 54
RALEIGH 27607
ST U OF NY-BUFF 919 781-7430

VANN, ROBERT LEE PD /PA AC
GLAXO, INC.P.O.BOX 13960 45 45 83
RESEARCH TRIANGLE PK 27709
BOWMAN GRAY 919 248-2100

VAUGHN, DONALD EUGENE EM /FP AC
120 WIND CHIME COURT 57 61 61
RALEIGH 27609
U OF TENNESSEE 919 847-8821

VENTERS, GEORGE COLE ORS AC
3410 EXECUTIVE DRIVE 71 71 76
RALEIGH 27609
U OF NC 919 872-5296

VEST, HOWARD RYLAND, JR. AN AC
RALEIGH ANESTHESIA ASSOC. 71 71 74
P. O. BOX 18139
RALEIGH 27619
U OF VIRGINIA 919 781-7420

VIRGILI, FRANK LOGES, JR. EM AC
5801 WINTHROP DR. 76 77 80
RALEIGH 27612
MED COLL OF VA 919 266-2303

WALDENBERG, LEOPOLD MARK GS AC
3400 EXECUTIVE DR. STE. 104 65 65 72
P. O. BOX 17200
RALEIGH 27619
TUFTS U 919 876-2732

WALKER, PRESTON ALMAND CHP /P AC
TAYLOR HALL 59 60 67
DOROTHEA DIX HOSPITAL
RALEIGH 27611
MED U OF SC 919 733-5130

WAKE COMPONENT SOCIETY (Continued)

WALLACE, CHARLES DIXON, SR. P AC
4900 FALLS OF NEUSE, STE. 230 58 58 65
RALEIGH 27609
U OF NC 919 876-0111

WARD, JOHN THOMAS OPH AC
3100 BLUE RIDGE RD., STE. 200 81 83 86
RALEIGH 27612
U OF OKLAHOMA 919 787-2211

WARREN, JULIAN MARION FP
BOX 1120, SPRING HOPE CLINIC 56 57 58
SPRING HOPE 27882
U OF VIRGINIA 919 478-4600

WARREN, LARRY E. IM AC
503 SUNNYBROOK ROAD 74 74 84
RALEIGH 27610
U OF NC 919 755-8394

WATANABE, TSUNEO KENT OTO /HNS AC
1151 KILDAIRE FARM RD. STE.114 74 78 83
CARY 27511
KEIO GIJUKU U 919 467-7380

WEBB, ALEXANDER, JR. GS L/RT
2708 FAIRVIEW ROAD 37 40 41
RALEIGH 27608
HARVARD 919 781-3469

WEISLER, RICHARD HARRY P AC
3320 EXECUTIVE DR. STE. 216 76 76 82
RALEIGH 27609
U OF NC 919 782-4672

WHELISS, JOHN ANGUS OPH AC
2800 BLUE RIDGE BLVD. STE. 407 52 54 57
RALEIGH 27607
COLUMBIA U 919 781-7402

WHICKER, JAMES HUBERT OTO AC
3010 ANDERSON DRIVE 66 74 82
P. O. BOX 18946
RALEIGH 27619
U OF NC 919 787-7171

WHITAKER, DONALD NASH FP L/RT
2016 CAMERON STREET 40 40 46
RALEIGH 27605
TEMPLE U 919 832-0343

WHITEHURST, LEE ALBERT ORS AC
3515 GLENWOOD AVENUE 72 72 78
P. O. BOX 10707
RALEIGH 27605
U OF NC 919 781-5600

WHITNEY, PAMELA JOYCE N AC
3320 EXECUTIVE DR., STE. 218 80 80 84
RALEIGH 27609
U OF OKLAHOMA 919 872-0940

WIEGAND, STEVEN FREDERICK EM /FP AC
10305 WHITESTONE ROAD 77 78 80
RALEIGH 27609
HAHNEMANN 919 848-9471

WILEY, JERRY WILLIAM PD AC
4700 WESTMINISTER DR. 74 75 78
RALEIGH 27604
DUKE 919 733-2833

WILKERSON, ANNIE LOUISE OBG /GYN L
100 S. BOYLAN AVENUE 38 38 39
RALEIGH 27603
MED COLL OF VA 919 832-5529

WILKERSON, LOUIS REAMS OBG AC
100 S. BOYLAN AVENUE 52 52 56
RALEIGH 27603
MED COLL OF VA 919 832-5529

WILKINS, EZRA BROOKS FP AC
6204 GAINSBOROUGH DR. 75 75 79
RALEIGH 27612
U OF NC 919 782-0146

WILKINSON, JAMES S., SR. D L
215 BRYAN BLDG. 38 38 40
RALEIGH 27605
U OF PENN 919 832-6044

WILLETT, ROBERT W. IM /N AC
2800 BLUE RIDGE BLVD. STE 503 48 53 55
RALEIGH 27607
DUKE 919 782-7500

WILLIAMS, ROBERT DR L/RT
2305 HATHAWAY ROAD 35 35 46
RALEIGH 27608
U OF PENN 919 833-5645

WILSON, THOMAS BARNETTE PTH L/RT
501 E. WHITAKER MILL RD. 405-A 36 40 46
RALEIGH 27608
NEW YORK MED COL 919 839-0250

WILSON, WILLIAM LENOIR PH L/RT
WEDGEWOOD APT. #23 26 59 60
740 E. SMALLWOOD DR.
RALEIGH 27605
BAYLOR 919 828-2940

WINSLOW, FRANCIS EDWARD, JR. PD AC
3001 ESSEX CIRCLE 53 53 61
RALEIGH 27608
DUKE 919 782-0021

WINSLOW, ROBERT BROWN PS /GS AC
2501 NORTH ST., STE. 500 62 62 72
RALEIGH 27607
COLUMBIA U 919 782-7762

WOLFE, ANN FIERRO PD AC
6912 HUNTERS WAY 61 61 83
RALEIGH 27609
TEMPLE U 919 733-3816

WOODARD, PAUL RICHARD AN AC
1825 ST. MARY'S ST. 79 80 85
RALEIGH 27608
U OF NC 919 755-8000

WOODARD, SABRA ALDERMAN R /NM AC
1825 ST. MARY'S STREET 76 76 84
RALEIGH 27608
U OF NC 919 755-3023

WOODRUFF, LEON FESTUS, JR. OBG AC
2800 BLUE RIDGE,BLVD.,STE. 502 72 72 76
RALEIGH 27607
BOWMAN GRAY 919 781-5510

WOOTEN, ELEANOR J. HERRING PD /PH AC
904 WILLIAMSON DRIVE 42 44 46
RALEIGH 27608
DUKE 919 832-4097

WORTH, THOMAS CLARKSON R L/RT
500 LAKE BOONE TRAIL 36 36 49
RALEIGH 27608
HARVARD 919 787-6449

WRIGHT, ISAAC CLARK IM AC
618 TRANSYLVANIA AVE. 44 45 50
RALEIGH 27609
U OF MARYLAND 919 733-5890

WRIGHT, JAMES RHODES OTO /OPH AC
528 WADE AVENUE 40 40 40
RALEIGH 27605
U OF MARYLAND 919 834-8251

WRIGHT, JOHN EVERETT GP L/RT
P. O. BOX 348 37 37 38
FUQUAY-VARINA 27526
JEFFERSON 919 552-2728

WYNIA, VIRGIL HOWARD CD /IM AC
3614 HAWORTH DRIVE 72 74 81
RALEIGH 27609
HARVARD 919 781-7557

YARBOROUGH, MICHAEL F. GS /TS AC
3400 EXECUTIVE DR. STE. 104 72 72 81
PO BOX 17200
RALEIGH 27619
U OF NC 919 876-2732

YELLIG, EDWARD BOOTH IM AC
2800 BLUE RIDGE BLVD. STE. 503 69 75 78
RALEIGH 27607
JEFFERSON 919 782-7500

YOFFE, ELIZABETH HARRER ON /HEM AC
3803 COMPUTER DR. 77 80 83
RALEIGH 27609
U OF FLORIDA 919 781-7070

YOFFE, MARK ON /HEM AC
3803 COMPUTER DR., STE. 200 77 80 83
RALEIGH 27609
U OF FLORIDA 919 781-7070

YOUNG, DAVID ALEXANDER P /PYA L
615 ST. MARY'S STREET 31 31 46
RALEIGH 27605
HARVARD 919 834-0821

ZARZAR, NAKHLEH PACIFICO P AC
3125 GLENWOOD PRO. VIL. BLDG.H 56 63 64
RALEIGH 27608
AMERICA U BEIRUT 919 782-0166

ZEITLER, KENNETH DALE HEM /ON AC
3803 COMPUTER DRIVE 75 75 83
RALEIGH 27609
COLUMBIA U 919 781-7070

ZELLINGER, MICHAEL JAY CD /IM AC
WAKE HEART ASSOCIATES 73 75 81
PO BOX 14427
RALEIGH 27620
DUKE 919 832-9253

ZEOK, JOHN VICTOR CDS /TS AC
3400 EXECUTIVE DR. STE. 102 67 81 82
RALEIGH 27609
JEFFERSON 919 872-8080

93. WARREN COMPONENT SOCIETY

OFFICERS—**President:** K. D. Trivedi, M.D., Warrenton (919 257-2346)
Secretary: K. D. Trivedi, M.D., Warrenton (919 257-2346)

KEYSERLING, THOMAS CHARLES IM AC
542 W. RIDGEWAY ST. 82 84 85
WARRENTON 27589
EMORY U 919 257-3141

TRIVEDI, KIRIT DHIRAJLAL FP /GS AC
546 W. RIDGEWAY STREET 66 73 76
WARRENTON 27589
BARODA U 919 257-2346

95. WATAUGA COMPONENT SOCIETY

OFFICERS—**President:** Andy M. Norman, M.D., Boone (704 264-1232)
Secretary: James L. Hamby, M.D., Boone (704 264-5150)

ATKINS, WILLIAM SHAFFER OPH AC
907 STATE FARM ROAD 71 71 78
BOONE 28607
BOWMAN GRAY 704 262-1554

BRAILEY, RICHARD FREDERICK AN AC
ROUTE #3, OLD KELLER FARM 54 57 86
BOONE 28607
CASE WESTERN RES 704 264-9691

BRANDON, HENRY ALLEN, JR. IM AC
250 DOCTORS DRIVE 70 70 80
BOONE 28607
BOWMAN GRAY 704 264-6362

WATAUGA COMPONENT SOCIETY (Continued)

CZERMAK, CHARLES LOUIS, JR. DR AC 66 66 75
P. O. BOX 1781
BOONE 28607
EMORY U
704 264-6984

DAVANT, CHARLES, III FP AC 72 72 77
P. O. BOX 8
BLOWING ROCK 28605
U OF NC
704 295-3116

DAVANT, CHARLES, JR. FP /OPH AC 45 48 48
P. O. BOX 8
BLOWING ROCK 28605
MED U OF SC
704 295-3116

DAVIS, JOHN D., JR. FP AC 78 79 75
P. O. BOX 8
BLOWING ROCK 28605
U OF NC
704 295-3116

DEAN, CLAYTON CLEWIS GS /CDS AC 60 60 70
207 LONGVUE DRIVE
BOONE 28607
TULANE U
704 264-7650

DOUGLAS, MICHAEL ERIN AN AC 72 73 80
301 BIRCH STREET
BOONE 28607
U. OF ARIZONA
704 264-4691

FURMAN, LOWELL BENJAMIN GS /CDS AC 55 63 63
STATE FARM ROAD
BOONE 28607
U OF TENNESSEE
704 264-2340

FURMAN, RICHARD WARREN TS /GS AC 66 66 74
702 STATE FARM ROAD
BOONE 28607
MED COLL OF GA
704 264-2340

GARNER, JO FRANCIS, II D AC 76 78 82
204 DOCTOR'S DR.
BOONE 28607
U OF SOU ALA
704 264-4553

HAGAMAN, LEN DOUGHTON GP AC 36 36 38
310 DEERFIELD RD.
BOONE 28607
U OF PENN
704 264-3923

HAMBY, JAMES LAWRENCE U AC 67 68 72
WATAUGA MEDICAL ARTS BLDG.
BOONE 28607
U OF MARYLAND
704 264-5150

HARMON, RAYMOND HARRIS OPH L/RT 36 36 36
120 HIGHLAND AVENUE
BOONE 28607
MED COLL OF VA
704 264-8669

HERNANDEZ, LUIS NICHOLAS AN AC 80 80 83
PO BOX 740717
NEW ORLEANS, LA 70174
LA STATE U

HERRING, WILLIAM ARTHUR, JR. ORS AC 65 65 73
30 DOCTOR'S PARK
BOONE 28607
MED U OF SC
704 264-1100

KADYK, JAN MARC ORS AC 69 70 77
30 DOCTOR'S PARK
BOONE 28607
U OF KANSAS
704 264-1100

MARCHESE, JOHN RICHARD OBG /CD AC 61 61 71
20 DOCTOR'S PARK
BOONE 28607
GEORGETOWN U
704 264-9067

MILLER, EDMUND EUGENE OPH AC 74 74 77
200 DOCTORS DRIVE
BOONE 28607
NORTHWESTERN U
704 264-0042

NORMAN, ANDY MURRAY OBG AC 76 77 82
20 DOCTOR'S PARK
BOONE 28607
MED COLL OF GA
704 264-1232

STANLEY, RONALD JAY D AC 72 72 81
204 DOCTORS DRIVE
BOONE 28607
U OF NC
704 264-4553

SYKES, CHARLIE LOUIS, JR. IM AC 77 77 79
250 DOCTORS DRIVE
BOONE 28607
BOWMAN GRAY
704 264-6362

TAYLOR, RUSSELL CARL IM /NEP AC 64 64 70
250 DOCTORS DRIVE
BOONE 28607
U OF NC
704 264-6362

VANCE, THOMAS DOYLE DR AC 56 56 71
904 STATE FARM ROAD
PO BOX 1097
BOONE 28607
DUKE
704 264-6984

WALLER, TED JAMES ORS AC 66 67 74
30 DOCTOR'S PARK
BOONE 28607
NORTHWESTERN U
704 264-1100

WATKINS, RUFUS WALTER GS AC 73 73 83
207 LONGVIEW DRIVE
BOONE 28607
MED U OF SC
704 264-7650

WELDEN, ARNOLD OLIVER FP AC 79 82 84
ASU MEDICAL CENTER
BOONE 28608
U OF CHILE
704 262-3100

96. WAYNE COMPONENT SOCIETY

OFFICERS—**President:** A. Ross Wilson, Jr., M.D., Goldsboro (919 735-9146)
Secretary: Stephen C. Lies, M.D., Goldsboro (919 734-3344)
Executive Secretary: Peggy G. Potter, Caller Box 8001, Goldsboro 27530 (919 731-6133)

ALLEY, JAMES THOMPSON OPH AC 58 58 62
P. O. BOX 1044
GOLDSBORO 27530
U OF NC
919 734-8202

ATKINS, JAMES NORMAN ON /IM AC 76 77 85
201 COX BOULEVARD
GOLDSBORO 27530
BOWMAN GRAY
919 734-9455

BATEMAN, WALLACE BRYSON, JR. EM AC 76 76 79
309 WALNUT CREEK DRIVE
GOLDSBORO 27530
U OF NC
919 778-6205

BENNETT, PAUL CLIFFORD, JR. FP AC 55 55 59
2400 WAYNE MEM. DR., STE. B
GOLDSBORO 27530
DUKE
919 735-1251

BERKELEY, SCOTT BRUCE, JR. GS AC 53 53 60
2400 WAYNE MEM. DR. STE. E
GOLDSBORO 27530
U OF MARYLAND
919 735-6021

BEST, DELEON EDWARD GP L 24 24 26
1504 E. MULBERRY ST.
GOLDSBORO 27530
U OF MARYLAND
919 734-2069

BIZZELL, JAMES W. OPH AC 43 43 47
PO BOX 10157
GOLDSBORO 27532
U OF MARYLAND
919 734-1964

BLACKMAN, JESSE AYCOCK GP AC 73 73 76
109 S. SYCAMORE STREET
FREMONT 27830
U OF NC
919 242-6171

BLAND, RALPH WINGATE GS /TS AC 52 52 60
2400 WAYNE MEMORIAL DR. STE. J
GOLDSBORO 27530
BOWMAN GRAY
919 734-5010

BOMBATEPE, VAMIK FP AC 51 51 74
204 N. HERMAN STREET
GOLDSBORO 27530
U OF ANKARA
919 735-7580

BRENTON, BRADLEY CLARK DR AC 79 80 85
2700 MEDICAL OFFICE PLACE
GOLDSBORO 27530
U OF IOWA
919 734-1866

BRUBECK, ELLEN TEMPLE FP /GER AC 75 76 82
238 SMITH CHAPEL RD.
MOUNT OLIVE 28365
OHIO STATE U
919 658-4954

CAMPBELL, ROBERT RICHARD R AC 66 66 73
2700 MEDICAL OFFICE PLACE
GOLDSBORO 27530
MED COLL OF VA
919 734-1866

CAMPBELL, WALKER HAWES OBG AC 63 63 73
2400 WAYNE MEMORIAL DRIVE
GOLDSBORO 27530
MED COLL OF VA
919 734-3344

CECIL, STEPHEN GERARD AN AC 81 82 84
607 WOODBERRY DR.
GOLDSBORO 27530
U OF KENTUCKY
919 731-6089

COMPTON, JOHN WALLACE R AC 45 52 53
2700 MEDICAL OFFICE PLACE
GOLDSBORO 27530
MED COLL OF VA
919 734-1866

DALE, GROVER CLEVELAND GP L 25 25 27
3293 RANDY ROAD
LANCASTER, PA 17601
U OF PENN
717 898-8033

DAVIS, DONALD FALES P /N AC 55 55 64
ROUTE #10, BOX 46
GOLDSBORO 27530
BOWMAN GRAY
919 778-3973

DRUMMOND, JACK NEWTON FP AC 57 57 62
GRANTHAM MEDICAL CLINIC
RT. 1, BOX 100-C
GOLDSBORO 27530
BOWMAN GRAY
919 689-2222

EDWARDS, CHARLES DANIEL GS AC 50 59 59
202 CARSWELL LANE
GOLDSBORO 27530
U OF WISCONSIN
919 778-1205

ETHERINGTON, JOHN L. OPH /OTO L 36 36 47
2709 MEDICAL OFFICE PLACE
GOLDSBORO 27530
QUEENS U
919 735-3701

FAUSCH, MARK DAVID IM AC 79 81 83
1201-C WAYNE MEMORIAL DR.
GOLDSBORO 27530
U OF MINN
919 734-7530

FISHER, JOHN APFEL PD AC 52 57 85
104 CASHWELL DR.
GOLDSBORO 27530
HAHNEMANN

GAGLIANO, LOUIS ANTHONY P /N AC 71 72 77
P. O. BOX 1975
GOLDSBORO 27530
U OF LOUVAIN
919 734-8604

GARCIA, GILBERT JOSEPH, JR. GS /VS AC 78 78 85
1008 E. ASH STREET
GOLDSBORO 27530
U TX-SAN ANTONIO
919 734-6414

GEER-BRENTON, LINDA LOU DR AC 81 82 85
2700 MEDICAL OFFICE PLACE
GOLDSBORO 27530
OHIO STATE U
919 734-1866

GOODEN, MICHAEL DEAN OBG AC 73 74 77
2400 WAYNE MEM. DR., STE. K
GOLDSBORO 27530
U OF NC
919 734-3344

GRANT JOSEPH DURHAM ORS AC 79 79 85
2801 MEDICAL OFFICE PLACE
GOLDSBORO 27530
U OF TX-HOUSTON
919 736-2157

GRIFFIN, ASHTON THOMAS, III FP AC 58 58 63
2400 WAYNE MEMORIAL DRIVE
GOLDSBORO 27530
DUKE
919 735-8601

WAYNE COMPONENT SOCIETY (Continued)

GUPTA, GOOL KAPADIA PUD /IM AC
2704 MEDICAL OFFICE PLACE 66 75 76
GOLDSBORO 27530
MAULANA AZAD 919 736-4724

GUPTA, JAGMOHAN DASS CD /IM AC
2704 MEDICAL OFFICE PLACE 66 66 74
GOLDSBORO 27530
M C OF PUNJAB U 919 736-4724

HARVIN, ALLAN BRABHAM ORS AC
2701 MEDICAL OFFICE PLACE 68 68 76
GOLDSBORO 27530
BOWMAN GRAY 919 736-2157

HAVERKAMP, JOHN D AC
1706 EVERGREEN AVENUE 71 77 81
GOLDSBORO 27530
U OF AMSTERDAM 919 734-0944

HOUSE, RICHARD JAMES OTO AC
P. O. BOX 291 71 71 84
SEVEN SPRINGS 28578
INDIANA U 919 735-9146

HOWARD, CORBETT ETHERIDGE TR /D L
2700 MEDICAL OFFICE PLACE 25 25 27
GOLDSBORO 27530
U OF PENN 919 734-1866

JENNINGS, JOHN LEE, JR. D AC
BOX 1399, 1100 E. ASH ST. 78 83 85
GOLDSBORO 27533
EASTERN VA 919 734-0944

JONNALAGADDA, M. RAO P /PH AC
CHERRY HOSP., CALLER BOX 8000 64 76 76
GOLDSBORO 27530
GUNTUR MED COLL 919 731-3206

KNUTSON, THOMAS MARVIN EM /FP AC
P. O. BOX 10867 79 80 85
GOLDSBORO 27530
U OF MINN 919 731-6060

KOKIKO, GEORGE VICTOR PTH /CLP AC
WAYNE COUNTY HOSPITAL 56 56 61
CALLER BOX 8001
GOLDSBORO 27530
BOWMAN GRAY 919 735-1530

KORNEGAY, HERVY BASIL, SR. FP AC
238 SMITH CHAPEL ROAD 57 57 57
MOUNT OLIVE 28365
BOWMAN GRAY 919 658-4954

LAMBERT, JAMES ROYALL FP AC
238 SMITH CHAPEL RD. 78 78 78
MOUNT OLIVE 28365
BOWMAN GRAY 919 658-4954

LIES, STEPHEN CRAIG OBG AC
2400 WAYNE MEM. DR. STE. K 76 79 81
GOLDSBORO 27530
DUKE 919 734-3344

LONG, RONALD MORGAN AN AC
709 LIONEL ST. 81 81 84
GOLDSBORO 27530
U OF TENNESSEE

LOWNES, MILTON MARKLEY, JR. GP AC
130 N. CENTER STREET 47 51 52
MOUNT OLIVE 28365
U OF LOUISVILLE 919 658-2505

MALEKPOUR, BAHMAN P AC
1708 WAYNE MEMORIAL DR. 64 64 75
PO BOX 1342
GOLDSBORO 27530
U OF HAMBURG 919 734-2222

MANESS, RUBIN FRANKLIN PD /A AC
2706 MEDICAL OFFICE PLACE 76 76 75
GOLDSBORO 27530
U OF NC 919 734-4736

MATUS, SIMON R /NM
1302 E. ASH STREET 41 41 72
GOLDSBORO 27530
U OF CAPE TOWN 919 731-7767

MAYS, OLIVER AIKEN PH AC
609 GLOUCESTER ROAD 45 45 70
GOLDSBORO 27530
MED U OF SC 919 736-7801

MCDONALD, CORNELIUS TRAWICK GS AC
713 SIMMONS STREET 53 58 59
GOLDSBORO 27530
MED COLL OF GA 919 735-0144

MCLAMB, JOSEPH TIMOTHY ORS AC
2701 MEDICAL OFFICE PLACE 67 67 76
GOLDSBORO 27530
U OF NC 919 736-2157

MCLAMB, SAMUEL BAGGETT, JR. IM AC
201 COX BOULEVARD 75 77 73
GOLDSBORO 27530
BOWMAN GRAY 919 734-9455

MEYER, ROBERT SWENSON FP AC
307 CASHWELL DR. 74 75 79
GOLDSBORO 27530
TEMPLE U 919 658-4954

MILLER, WALTON H., JR. GS /GYN L
1008 E. ASH STREET 41 41 48
GOLDSBORO 27530
U OF CINCINNATI 919 734-1141

MORRIS, JAMES FRANCIS PD AC
P. O. BOX 1153 52 52 57
GOLDSBORO 27530
U OF LOUISVILLE 919 734-4014

MOTAPARTHY, VENKATASOMAIAH C. GE AC
2419-C E. ASH ST. 74 79 84
GOLDSBORO 27530
KARNATAK U 919 731-2526

NATION, ROY GLEN GP /IM AC
407 N. HERMAN STREET 60 65 00
GOLDSBORO 27530
LA STATE U 919 735-6261

NICKENS, LARRY COBB PD AC
2706 MEDICAL OFFICE PLACE 81 84 84
GOLDSBORO 27530
U OF NC 919 734-4736

PARKER, TALBOT FORT, JR. OBG AC
2400 WAYNE MEM. DR. STE K 51 51 57
GOLDSBORO 27530
JEFFERSON 919 734-3344

PATE, WILLIAM HENRY GP AC
P. O. BOX 129 48 49 50
PIKEVILLE 27863
MED COLL OF VA 919 242-5271

PONZI, JOSEPH WILLIAM PD AC
2706 MEDICAL OFFICE PLACE 73 74 81
GOLDSBORO 27530
ST U OF NEW YORK 919 734-4736

POWELL, E. CHARLES OBG L
100 WOOTEN POINT ROAD 35 35 37
GOLDSBORO 27530
U OF PENN 919 778-2692

RAJU, YEDDU B. RAJENDRA P. IM /GER AC
2617 PINE NEEDLES ROAD 58 76 79
GOLDSBORO 27530
GUNTUR MED COLL 919 734-1606

ROCKWELL, DAVID ALLEN ORS AC
2701 MEDICAL OFFICE PLACE 74 74 80
GOLDSBORO 27530
U OF NC 919 736-2157

RUSSELL, DOUGLAS MACARTHUR GS AC
304 GLEN OAK DRIVE 67 67 75
GOLDSBORO 27530
U OF NC 919 734-5010

SANFORD, VIRGINIA OATES GP /PD AC
811 SIMMONS ST. 56 56 63
PO BOX 146
GOLDSBORO 27530
DUKE 919 734-8242

SASSER, PATRICK HENRY GP AC
100 E. LOCKHAVEN DRIVE 55 55 59
GOLDSBORO 27530
BOWMAN GRAY 919 734-2924

SCHARF, FORREST LARRY CLP /NM AC
WAYNE CO. MEM. HOSP. 56 65 78
CALLER BOX 8001
GOLDSBORO 27530
MCGILL U 919 735-1530

SHACKELFORD, ROBERT HILLIARD FP AC
238 SMITH CHAPEL ROAD 47 48 50
MOUNT OLIVE 28365
BOWMAN GRAY 919 658-4954

STACKHOUSE, WILLIAM JAMES IM AC
201 COX BLVD. 76 77 81
GOLDSBORO 27530
EMORY U 919 734-9455

STOCKDALE, WAYNE HARROP EM /GS AC
WAYNE MEMORIAL HOSPITAL 45 52 53
GOLDSBORO 27530
U OF LOUISVILLE 919 736-1110

STRICKLAND, NIGEL JOHN DR AC
2700 MEDICAL OFFICE PLACE 59 70 78
GOLDSBORO 27530
CAMBRIDGE U 919 734-1866

TAYLOE, DAVID THOMAS, JR. PD AC
2706 MEDICAL OFFICE PLACE 74 76 77
GOLDSBORO 27530
U OF NC 919 734-4736

TEASLEY, BARRY HOYLE OPH AC
P. O. BOX 10907 78 82 75
103 COX BLVD.
GOLDSBORO 27532
U OF NC 919 734-8440

THOMPSON, WINFIELD LYNN GS L/RT
216 S. HILLCREST DRIVE 38 38 46
GOLDSBORO 27530
U OF MARYLAND 919 734-2610

TRACHTENBERG, WILLIAM GP L/RT
239 S. HILLCREST DRIVE 39 46 47
GOLDSBORO 27530
DUKE 919 734-0956

TURNER, WILLIAM BOMAR, III U AC
1604 E. MULBERRY ST. 80 81 85
GOLDSBORO 27530
MED U OF SC 919 735-1635

TYNDALL, HUBERT DURWOOD GP AC
2400 WAYNE MEMORIAL DRIVE 54 54 56
GOLDSBORO 27530
U OF NC 919 734-4845

VARNEY, DAVID ALLEN U /GS AC
305 WILLOW PLACE 68 69 76
GOLDSBORO 27530
GEORGETOWN U 919 778-6549

WILKINS, KENNETH WORTH OBG AC
P. O. BOX 1977 44 45 48
GOLDSBORO 27530
U OF MARYLAND 919 735-1253

WILSON, ARTHUR ROSS, JR. OTO AC
401 N. HERMAN ST. 74 75 79
GOLDSBORO 27530
TEMPLE U 919 735-9146

WOLFE, HAROLD EUGENE D AC
117 CASHWELL DRIVE 43 46 46
GOLDSBORO 27530
MED COLL OF VA 919 734-0944

ZEALY, A. H. GP L/RT
105 N. CLAIRORNE 30 32 34
GOLDSBORO 27530
HARVARD 919 734-1534

ZWERLING, CHARLES SAMUEL OPH /A AC
WHISPERING PINE ACRES 77 81 82
ROUTE #9, BOX 241-0
GOLDSBORO 27530
U OF BOLOGNA 919 778-2266

97. WILKES COMPONENT SOCIETY

OFFICERS—**President:** Henry C. Landon, III, M.D., N. Wilkesboro (919 838-5761)
Secretary: Jeffrey Derrick, M.D., N. Wilkesboro

BAUGHAM, ILA EVANS PD AC
DOCTOR'S BLDG., 8TH ST. 79 82 79
PO BOX 309
NORTH WILKESBORO 28659
BOWMAN GRAY 919 838-7466

BAUGHAM, LEONARD ANDREW GS AC
P. O. BOX 1146 75 76 84
NORTH WILKESBORO 28659
MED COLL OF GA 919 667-4718

BENNETT, JOHN NORTHWOOD R AC
ROUTE #1, BOX 96 47 51 53
MORAVIAN FALLS 28654
MCGILL U 919 838-3896

WILKES COMPONENT SOCIETY (Continued)

BOND, JOHN LAWRENCE, JR. GS /OM AC
54 60 60
P. O. BOX 1128
N. WILKESBORO 28659
U OF TENNESSEE 919 838-4789

BOWMAN, JAMES THOMAS FP AC
77 77 76
1348, 702 THIRTEENTH ST.
NORTH WILKESBORO 28659
BOWMAN GRAY 919 696-5586

BOWMAN, KAROLEN CHURCH PD AC
77 80 74
702 THIRTEENTH STREET
NORTH WILKESBORO 28659
BOWMAN GRAY 919 667-5296

BRYAN, THOMAS RHUDY, JR. PD /OBS AC
54 54 56
MEDICAL ARTS BUILDING
P. O. BOX 1163
NORTH WILKESBORO 28659
BOWMAN GRAY 919 838-2500

BUNDY, WILLIAM LUMSDEN IM /GP L
36 36 40
DOCTORS BLDG.
PO BOX 786
N. WILKESBORO 28659
VANDERBILT U 919 838-2442

COMPEAU, PHILLIP E. CHAS. IM /FP AC
71 72 78
1710 PARKWOOD DR., SOUTH STE.
WILKESBORO 28697
HARVARD 919 667-1285

HAWKINS, HAL BURGESS FP AC
53 53 55
RT. 4, BOX 48
WILKESBORO 28697
CASE WESTERN RES 919 838-3491

HAYES, WILLIAM CLAYTON GP AC
47 48 50
P. O. BOX 540
WILKESBORO 28697
BOWMAN GRAY 919 667-6871

HUBBARD, FREDERICK CECIL GS /GP L
18 19 24
P. O. BOX 39
NORTH WILKESBORO 28659
JEFFERSON 919 838-5662

KILBY, LARRY SHELTON FP /GER AC
68 68 74
505 13TH ST.
LOFLAND BLDG.
NORTH WILKESBORO 28659
BOWMAN GRAY 919 667-3922

LANDON, HENRY CLAYTON,III FP /IM AC
47 49 50
501 TENTH STREET
NORTH WILKESBORO 28659
U OF VIRGINIA 919 838-5761

MCMAHAN, THOMAS KEITH IM /FP AC
70 70 74
PO BOX 976
1710 PARKWOOD DR., N. SUITE
WILKESBORO 28697
WASHINGTON U 919 667-2634

OLIVER, JOHN GLADSON OPH AC
75 76 81
408 EIGHTH STREET
NORTH WILKESBORO 28659
U OF MIAMI 919 838-5121

SMITH, DUANE HOWARD OBG AC
58 58 77
1018 RIVER ROAD
WILKESBORO 28697
U OF CINCINNATI 704 667-8241

WATSON, JERRY FRANKLIN GS AC
60 60 73
EIGHTH ST.
PO BOX 789
N. WILKESBORO 28659
U OF TENNESSEE 919 667-1183

WHICKER, CHARLES FINCH OBG AC
51 58 59
MEDICAL ARTS BUILDING
NORTH WILKESBORO 28659
TEMPLE U 919 667-1156

98. WILSON COMPONENT SOCIETY

OFFICERS—**President:** Andrew R. Price, M.D., Wilson (919 243-5505)
Secretary: Robert T. Stone, M.D., Wilson (919 291-7001)

ADAMS, LEON ASHBY OTO AC
46 52 74
1700 S. TARBORO ST.
WILSON 27893
U OF VIRGINIA 919 291-1300

ADERHOLD, RICHARD MILLIKAN P AC
65 65 71
1107 COURTLAND DRIVE
WILSON 27893
U OF NC 919 291-9575

ANDERSON, DUDLEY BUIST ON /HEM AC
64 64 73
1700 S. TARBORO ST.
WILSON 27893
U OF VIRGINIA 919 291-1300

ANDERSON, KENT THOMAS IM AC
82 83 81
1704 S. TARBORO ST.
WILSON 27893
EAST CAROLINA U 919 291-7001

APPERT, ROBERT ALBERT ORS AC
71 72 78
1700 S. TARBORO STREET
WILSON 27893
ALBANY MED COLL 919 291-1300

BELL, GEORGE ERICK, JR. ORS AC
48 48 57
WILSON CLINIC
WILSON 27893
HARVARD 919 291-7001

BERGERON, JOSEPH C., JR. PTH AC
74 74 83
102 WILSHIRE BOULEVARD
WILSON 27893
LA STATE U 919 399-8114

BOHNSACK, MICHAEL ROBERT AN AC
81 82 85
3305 MILLBROOK DR.
WILSON 27893
M C OF WISCONSIN 919 291-1700

BOWEN, MICHAEL LYNN FP AC
77 77 81
P. O. BOX 310
STANTONSBURG 27883
INDIANA U 919 238-2101

BOWERS, SCOTT P. OPH AC
79 79 83
#5 SILVER LAKE VILLAS
WILSON 27893
INDIANA U 919 291-1300

BOYD, DEBORAH DAETWYLER GS AC
77 77 77
601 S. CLYDE AVE.
WILSON 27893
U OF NC 919 291-7001

BREZINA, EDWARD SHARP, JR. OBG AC
75 77 82
1911 CANAL DRIVE
WILSON 27893
U OF MIAMI

BRINKMAN, DENNIS MICHAEL AN AC
71 72 80
1203 GREENBRIAR COURT
WILSON 27893
U OF MICHIGAN 919 291-1700

BULLARD, HOKE VOGLER, JR. IM AC
51 51 58
WILSON CLINIC
WILSON 27893
HARVARD 919 291-7001

BURBA, ALONZO RICHARD FP AC
76 79 80
1700 S. TARBORO ST.
WILSON 27893
U OF OKLAHOMA 919 291-1300

BURDICK, RICHARD LAWRENCE IM AC
75 83 86
1704 S. TARBORO ST.
WILSON 27893
U OF VIRGINIA 919 291-7001

BURNETTE, J. P. IM AC
75 75 80
ENGLEWOOD DR., KENLY CLI.
KENLY 27542
BOWMAN GRAY 919 284-5151

BUSCH, JAMES R. PD AC
72 75 84
1700 S. TARBORO ST.
WILSON 27893
MED COLL OF VA 919 291-4370

CAMPBELL, JOSEPH LESTER GPM /PH L
35 35 56
306 FOREST HILLS ROAD
WILSON 27893
U OF PENN 919 291-8523

CLARK, LEE ANDREW, JR. OPH AC
56 56 63
WILSON CLINIC
WILSON 27893
U OF NC 919 291-7001

COLLINSON, FRANK DR /NR AC
63 63 79
WILSON MEM. HOSP. X-RAY
WILSON 27893
U OF GLASGOW 919 399-8112

CONNELL, GEORGE FREDERICK AN AC
57 58 75
1105 BROOKSIDE DRIVE
WILSON 27893
U OF TORONTO 919 291-1700

COWAN, LEON KERR D AC
54 54 81
WILSON DERMATOLOGY CLINIC, PA
702 BROAD ST.
WILSON 27893
U OF NC 919 291-5600

CUBBERLEY, CHARLES LAMB, JR. FP L
40 47 47
P. O. BOX 95
WILSON 27894
JEFFERSON 919 243-4638

DAVIS, NELSON PARKE, II GS /CDS AC
66 66 75
1700 S. TARBORO STREET
WILSON 27893
U OF NC 919 291-1300

DE GUEHERY, LINDSEY ELLIOTT PUD AC
79 80 85
1700 S. TARBORO ST.
WILSON 27893
U OF SOU FLORIDA 919 291-1300

DEWALD, JONATHON GLEN IM AC
80 80 84
1700 S. TARBORO ST.
WILSON 27893
MED COLL OF GA 919 291-1300

EASOM, HERMAN FRANKLIN PUD /R L
27 27 29
P. O. BOX 1521
WILSON 27893
WASHINGTON U 919 243-4752

EASON, GEORGE WILLIAM DR AC
74 75 80
111 RIPLEY ROAD
WILSON 27893
U OF ALABAMA 919 399-8112

FISHER, EARL ELLIOTT, JR. PD AC
64 64 70
1700 S. TARBORO STREET
WILSON 27893
U OF NC 919 291-4370

FITCH, DUANE DOUGLAS GE /IM AC
79 80 85
1704 S. TARBORO ST.
WILSON 27893
U OF MICHIGAN 919 291-7001

GEARING, FRANK WILSON, III PD AC
75 78 80
2112 W. NASH ST.
WILSON 27893
MED COLL OF VA 919 237-2151

GLOVER, JAMES BUNYAN OBG AC
57 57 66
CAROLINA CLINIC
WILSON 27893
U OF NC 919 291-9010

GRAHAM, GLORIA FLIPPIN D AC
61 61 67
702 BROAD STREET
WILSON 27893
BOWMAN GRAY 919 291-5600

GRIFFIN, THOMAS LAFAYETTE U AC
59 65 65
1700 S. TARBORO ST.
WILSON 27893
MED COLL OF GA 919 291-1300

GRINE, WILLIAM BARK U AC
60 64 66
1704 TARBORO STREET
WILSON 27893
U OF VIRGINIA 919 291-7001

GRODE, HARVEY E. IM /ON AC
60 60 67
WILSON CLINIC
WILSON 27893
DUKE 919 291-7001

HARDISON, MITCHELL DALE IM AC
80 81 81
BRENTWOOD MEDICAL CENTER
WILSON 27893
U OF NC 919 291-7001

HERRING, T. TILGHMAN OM /GP L/RT
38 38 41
1704 S. TARBORO ST.
WILSON 27893
JOHNS HOPKINS

WILSON COMPONENT SOCIETY (Continued)

HOOPER, THOMAS EUGENE IM AC
73 73 77
INTERNAL MEDICINE ASSOCIATES
P. O. BOX 3188
WILSON 27893
U OF NC 919 243-5505

JENNETTE, ALBERT TYSON ORS AC
59 59 65
1700 S. TARBORO ST.
WILSON 27893
U OF NC 919 291-1300

JONES, GREGORY LEE FP AC
77 79 85
2104 HERMITAGE RD.
WILSON 27893
U OF NC 919 238-2407

JONES, JEFFREY DAVID GE /IM AC
71 73 79
1205 GREENBRIAR COURT
WILSON 27893
U OF ROCHESTER 919 291-7001

KANG, JOON FP AC
60 77 78
P. O. BOX 218, MAIN STREET
BAILEY 27807
PUSAN NATL U 919 235-4181

KIRKLAND, JOHN ALVIN OBG AC
52 52 60
1700 S. TARBORO ST.
WILSON 27893
HARVARD 919 291-9010

KRABILL, LAWRENCE DAVID IM /RHU AC
71 71 78
1700 S. TARBORO ST.
WILSON 27893
OHIO STATE U 919 291-1300

KUK, DENNIS STANLEY OBG /GYN AC
69 69 79
1704 S. TARBORO STREET
WILSON 27893
U OF VERMONT 919 291-7001

LADWIG, HAROLD ALLEN N AC
47 48 84
1600 CANAL DRIVE
WILSON 27893
U OF IOWA 919 237-5877

LAMANNA, ROGER WEED NEP /IM AC
74 74 79
1700 TARBORO STREET
WILSON 27893
MED COLL OF VA 919 291-1300

LUND, JOHN JEFFERSON CD /IM AC
57 64 65
1700 S. TARBORO ST.
WILSON 27893
U OF VIRGINIA 919 291-1300

MALONEY, THOMAS RICHARD GER /IM AC
47 48 71
NC SPECIAL CARE CTR
WARD BOULEVARD
WILSON 27893
NEW YORK U 919 237-1121

MATTOX, HUITT EVERETT OBG AC
54 54 61
1700 S. TARBORO ST.
WILSON 27893
DUKE 919 291-9010

MCCAIN, JOHN LEWIS RHU /IM AC
52 56 57
WILSON CLINIC
WILSON 27893
U OF VIRGINIA 919 291-7001

MELCHIOR, JOSEPHINE T. PD AC
42 48 49
1124 NIBLICK DRIVE
ROCKY MOUNT 27801
MED COLL OF VA 919 442-8290

MICHALAK, DANIEL PETER OBG AC
80 81 84
1700 S. TARBORO ST.
WILSON 27893
HAHNEMANN 919 291-9010

NEEL, JAMES WYMAN CD AC
78 78 85
1704 S. TARBORO ST.
WILSON 27893
U OF KANSAS 919 291-7001

NEELAND, EUGENE CRAWFORD FP L
54 54 55
606 FAIRVIEW AVENUE
WILSON 27893
U OF ALABAMA 919 243-5530

NEWELL, JOSEPHINE E. FP AC
49 49 51
RALEIGH TOWNE, APT. #47
525 WADE AVENUE
RALEIGH 27605
U OF MARYLAND 919 733-7613

POPE, ROBERT CLYDE PD AC
45 45 51
WILSON CLINIC
WILSON 27893
BOWMAN GRAY 919 291-7001

PRICE, ANDREW RICHARD IM AC
65 65 73
1901 S. TARBORO ST.
PO BOX 3188
WILSON 27893
DUKE 919 243-5505

PUTNEY, ROBERT HUBBARD, JR. FP AC
43 43 46
P. O. BOX 519
ELM CITY 27822
MED COLL OF VA 919 236-4341

RAND, TOM SLADE ORS AC
63 63 72
1704 S. TARBORO ST.
WILSON 27893
U OF NC 919 291-7001

RASBERRY, EDWIN ALBERT, JR. IM AC
41 41 48
WILSON CLINIC
WILSON 27893
U OF PENN 919 291-7001

RHODES, CECIL DAVID, JR. IM /A AC
56 56 64
P. O. BOX 27894-0309
WILSON 27894
BOWMAN GRAY 919 291-1300

RICHARDS, ROBERT DAY FP AC
54 57 59
ROUTE #2
WILSON 27893
MED COLL OF VA 919 291-2215

RUSSELL, JOSEPH DWIGHT IM /NEP AC
69 69 76
1700 S. TARBORO ST.
WILSON 27893
U OF NC 919 291-1300

RYBURN, SAMUEL BENJAMIN PD AC
54 57 58
WILSON CLINIC
WILSON 27893
MED COLL OF VA 919 291-7001

SATTERLY, ROBERT ALAN OTO AC
72 75 78
WILSON CLINIC
WILSON 27893
GEORGETOWN U 919 291-7001

SLOOP, ROBERT F., JR. OPH AC
60 65 68
WILSON CLINIC
WILSON 27893
U OF NC 919 291-7008

STONE, ROBERT THOMAS OTO AC
65 65 73
1704 S. TARBORO STREET
WILSON 27893
U OF VIRGINIA 919 291-7001

SUNDERMAN, MICHAEL ROBERT FP AC
77 77 81
P. O. BOX 310
STANTONSBURG 27883
INDIANA U 919 238-2101

TAYLOR, JAMES VAN, III FP AC
80 81 83
1704 S. TARBORO STREET
WILSON 27893
U OF NC 919 291-7001

TAYLOR, JEFFREY SCOTT OPH AC
77 78 84
1704 S. TARBORO ST.
WILSON 27893
U OF ILLINOIS 919 291-7001

THORNE, EDWARD YOUNG COX PD AC
53 56 57
1700 S. TARBORO ST.
WILSON 27893
GEO WASHINGTON U 919 291-1300

THURMAN, ROGER ZALON GS AC
65 65 73
1700 S. TARBORO ST.
WILSON 27893
MED COLL OF VA 919 291-1300

TICKLE, DEWEY REID R AC
54 54 63
WILSON MEMORIAL HOSPITAL
WILSON 27893
DUKE 919 399-8112

TOMLINSON, ROBERT LEE, JR. OBG AC
54 54 59
1700 TARBORO STREET, EXT.
WILSON 27893
U OF NC 919 291-9010

TORREY, RICHARD KENDRICK FP AC
80 80 84
THE MIDDLESEX CLINIC
P. O. BOX 100
MIDDLESEX 27557
LA STATE U 919 235-4078

VANDENBOSCH, GERALD C. ORS AC
77 78 86
1704 S. TARBORO ST.
WILSON 27893
WAYNE STATE U 919 291-7001

WHITAKER, JAMES ALLEN, III CD /IM AC
68 68 78
1700 S. TARBORO ST.
WILSON 27893
U OF NC 919 291-1300

WILLIAMS, RONALD LYNN EM AC
76 78 86
1307 GROVE ST.
WILSON 27893
U OF NC 919 399-8101

WOODALL, HAL BREEN IM AC
75 75 79
BOX 878
KENLY 27542
BOWMAN GRAY 919 284-5151

WOODARD, JERRY CLEON GE /IM AC
68 68 73
1700 S. TARBORO ST.
WILSON 27893
U OF NC 919 291-1300

YOUNG, WILLIAM BEAUREGARD IM /CD AC
48 52 55
1700 S. TARBORO ST.
WILSON 27893
EMORY U 919 291-1300

YOUNGBLOOD, ROBERT WATKINS GS /TS AC
55 63 64
1201 BROOKSIDE DRIVE
WILSON 27893
JOHNS HOPKINS 919 291-7001

YOUNGS, FRANKLIN JAY R AC
45 59 60
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WILSON 27893
SYRACUSE 919 399-8457

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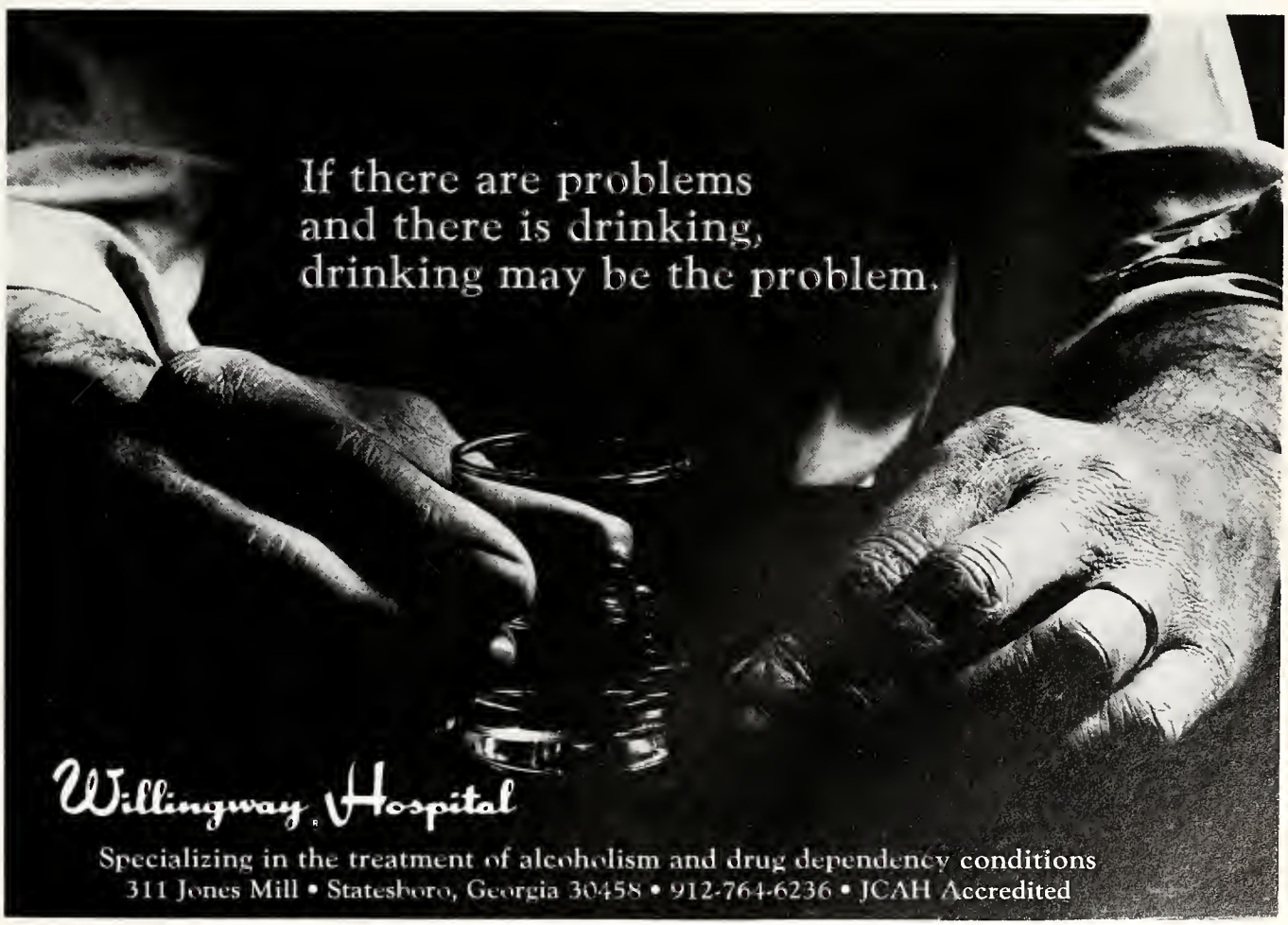
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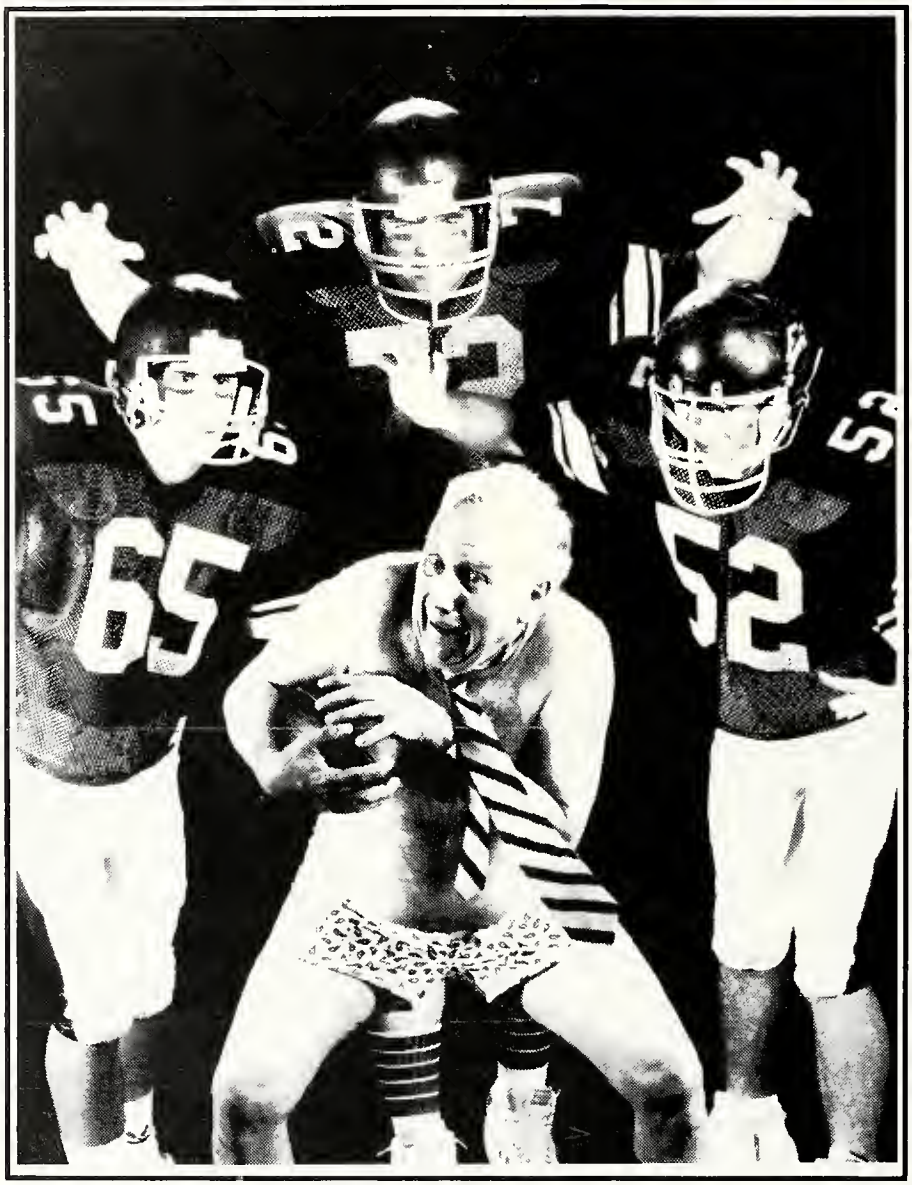
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WARNING

This drug is not indicated for initial therapy of edema or hypertension. Edema or hypertension requires therapy titrated to the individual. If this combination represents the dosage so determined, its use may be more convenient in patient management. Treatment of hypertension and edema is not static, but must be reevaluated as conditions in each patient warrant.

Contraindications: Concomitant use with other potassium-sparing agents such as spironolactone or amiloride. Further use in anuria, progressive renal or hepatic dysfunction, hyperkalemia. Pre-existing elevated serum potassium. Hypersensitivity to either component or other sulfonamide-derived drugs.

Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically, serum K^+ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K^+ intake. Associated widened QRS complex or arrhythmia requires prompt additional therapy. Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, thrombocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: The bioavailability of the hydrochlorothiazide component of 'Dyazide' is about 50% of the bioavailability of the single entity. Theoretically, a patient transferred from the single entities of triamterene and hydrochlorothiazide may show an increase in blood pressure or fluid retention. Similarly, it is also possible that the lesser hydrochlorothiazide bioavailability could lead to increased serum potassium levels. However, extensive clinical experience with 'Dyazide' suggests that these conditions have not been commonly observed in clinical practice. Angiotensin-converting enzyme (ACE) inhibitors can elevate serum potassium; use with caution with 'Dyazide'. Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids, and during concurrent use with amphotericin B or corticosteroids or corticotropin [ACTH]). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Cumulative effects of the drug may develop in patients with impaired renal function. Thiazides should be used with caution in patients with impaired hepatic function. They can precipitate coma in patients with severe liver disease. Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic and hemolytic anemia have been reported with thiazides. Thiazides may cause manifestation of latent diabetes mellitus. The effects of oral anticoagulants may be decreased when used concurrently with hydrochlorothiazide; dosage adjustments may be necessary. Clinically insignificant reductions in arterial responsiveness to norepinephrine have been reported. Thiazides have also been shown to increase the paralyzing effect of nondepolarizing muscle relaxants such as tubocurarine. Triamterene is a weak folic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Antihypertensive effects may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. Triamterene has been found in renal stones in association with the other usual calculus components. Therefore, 'Dyazide' should be used with caution in patients with histories of stone formation. A few occurrences of acute renal failure have been reported in patients on 'Dyazide' when treated with indomethacin. Therefore, caution is advised in administering nonsteroidal anti-inflammatory agents with 'Dyazide'. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with possible metabolic acidosis. 'Dyazide' interferes with fluorescent measurement of quinidine. Hypokalemia is uncommon with 'Dyazide', but should it develop, corrective measures should be taken such as potassium supplementation or increased dietary intake of potassium-rich foods. Corrective measures should be instituted cautiously and serum potassium levels determined. Discontinue corrective measures and 'Dyazide' should laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilutional hyponatremia. Concurrent use with chlorpropamide may increase the risk of severe hyponatremia. Serum PBI levels may decrease without signs of thyroid disturbance. Calcium excretion is decreased by thiazides. 'Dyazide' should be withdrawn before conducting tests for parathyroid function. Thiazides may add to or potentiate the action of other antihypertensive drugs. Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

Adverse Reactions: Muscle cramps, weakness, dizziness, headache, dry mouth; anaphylaxis, rash, urticaria, photosensitivity, purpura, other dermatological conditions; nausea and vomiting, diarrhea, constipation, other gastrointestinal disturbances; postural hypotension (may be aggravated by alcohol, barbiturates, or narcotics). Necrotizing vasculitis, paresthesias, icterus, pancreatitis, xanthopsia and respiratory distress including pneumonitis and pulmonary edema, transient blurred vision, sialadenitis, and vertigo have occurred with thiazides alone. Triamterene has been found in renal stones in association with other usual calculus components. Rare incidents of acute interstitial nephritis have been reported. Impotence has been reported in a few patients on 'Dyazide', although a causal relationship has not been established.

Supplied: 'Dyazide' is supplied as a red and white capsule, in bottles of 1000 capsules; Single Unit Packages (unit-dose) of 100 (intended for institutional use only); in Patient-Pak™ unit-of-use bottles of 100.

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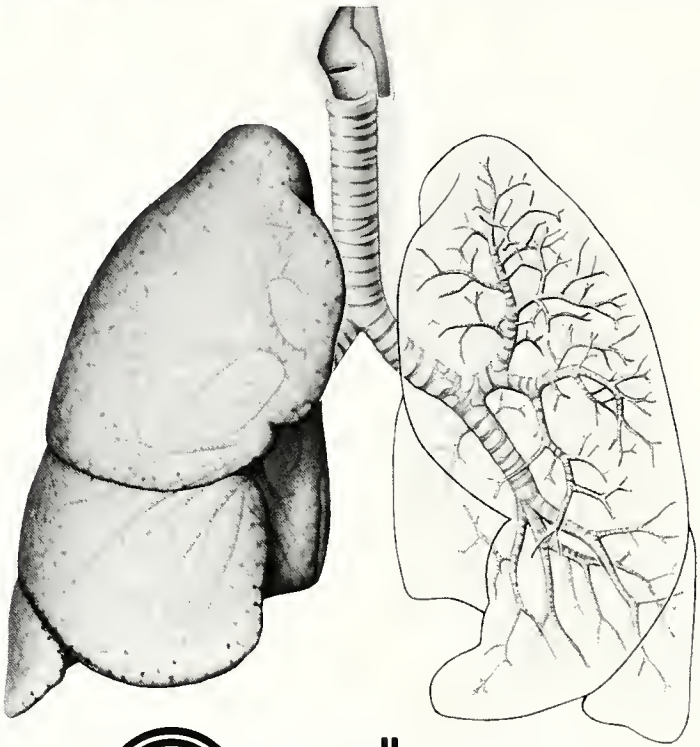
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Note: Ceclor® is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

Ceclor® (cefaclor)

Summary. Consult the package literature for prescribing information.

Indications: Lower respiratory infections, including pneumonia, caused by susceptible strains of *Streptococcus pneumoniae, Haemophilus influenzae,* and *S. pyogenes* (group A beta-hemolytic streptococci).

Contraindications: Known allergy to cephalosporins.

Warnings: CECLOR SHOULD BE ADMINISTERED CAUTIOUSLY TO PENICILLIN-SENSITIVE PATIENTS. PENICILLINS AND CEPHALOSPORINS SHOW PARTIAL CROSS-ALLERGENICITY. POSSIBLE REACTIONS INCLUDE ANAPHYLAXIS.

Administer cautiously to allergic patients.

Pseudomembranous colitis has been reported with virtually all broad-spectrum antibiotics. It must be considered in differential diagnosis of antibiotic-associated diarrhea. Colon flora is altered by broad-spectrum antibiotic treatment, possibly resulting in antibiotic-associated colitis.

Precautions:

- Discontinue Ceclor in the event of allergic reactions to it.
- Prolonged use may result in overgrowth of nonsusceptible organisms.
- Positive direct Coombs' tests have been reported during treatment with cephalosporins.
- In renal impairment, safe dosage of Ceclor may be lower than that usually recommended. Ceclor should be administered with caution in such patients.
- Broad-spectrum antibiotics should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.
- Safety and effectiveness have not been determined in pregnancy, lactation, and infants less than one month old. Ceclor penetrates mother's milk. Exercise caution in prescribing for these patients.

Adverse Reactions: (percentage of patients)

Therapy-related adverse reactions are uncommon. Those reported include:

- Gastrointestinal (mostly diarrhea): 2.5%.
- Symptoms of pseudomembranous colitis may appear either during or after antibiotic treatment.
- Hypersensitivity reactions (including morbilliform eruptions, pruritus, urticaria, erythema multiforme, serum-sickness-like reactions): 1.5%; usually subside within a few days after cessation of therapy. These reactions have been reported more frequently in children than in adults and have usually occurred during or following a second course of therapy with Ceclor. No serious sequelae have been reported. Antihistamines and corticosteroids appear to enhance resolution of the syndrome.
- Cases of anaphylaxis have been reported, half of which have occurred in patients with a history of penicillin allergy.
- Other: eosinophilia, 2%; genital pruritus or vaginitis, less than 1%.

Abnormalities in laboratory results of uncertain etiology

- Slight elevations in hepatic enzymes.
- Transient fluctuations in leukocyte count (especially in infants and children)
- Abnormal urinalysis; elevations in BUN or serum creatinine
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Deaths reported to the NCMS office as of June 30, 1986

Bauer-Kahn, Amelia, Franklin — 1-2-86
Bender, John J., Lumberton — 5-18-86
Bender, John Robert, Clemmons — 1-9-86
Bradley, John David, Asheville — 2-18-86
Cayer, David, Winston-Salem — 6-3-86
Clayton, Eugene Cook, Asheville — 3-5-86
Crowell, Lester Avant, Jr., Lincolnton — 12-15-85
DeCamp, Allen Ledyard, Salisbury — 4-26-86
Edgerton, Glenn Souders, Charlotte — 10-18-85
Gardner, Joseph LeLand, Hendersonville — 9-27-85
Garrenton, Connell George, Bethel — 8-1-85
Gill, Joseph Armstrong, Elizabeth City — 8-1-85
Greene, William Alexander, Whiteville — 5-11-86
Gurganus, George Elwood, Jacksonville — 1-11-86
Hart, Lillard Franklin, Apex — 1-31-86
Hartzog, Donald Clifford, Jr., Winston-Salem — 4-24-86
Henry, Hector Himel, Charlotte — 5-24-86
Herring, Edward Humphrey, Raleigh — 11-28-85
Hundley, Deane, Jr., Wallace — 5-13-86
James, Paul Marshall, Winston-Salem — 3-1-86
Johnston, William Oliver, Mooresville — 11-6-85
Johnstone, Allan MacKenzie, Marion — 10-5-85
Jones, Beverly Nicholas, Jr., Winston-Salem — 9-24-85
Kerr, John Guthrie, Leicester — 6-28-85
King, Robert Wilson, Fayetteville — 2-20-86
Kohener, Isak, Lincolnton — 2-23-86
Little, Howard Q. L., Gibsonville — 7-21-85
Makhyoun, Nabil, Clyde — 12-11-85
Martin, Donion Randolph, Jr., Reidsville — 4-1-86
McChesney, W. W., Gainesville, FL — 2-14-86
McGrath, Frank Bernard, Lumberton — 12-26-85
McLain, John Edward G., Durham — 10-1-85
Minwalla, Sorab Pestonji, Mocksville — 4-17-86
Ogburn, Leon N., Raleigh — 8-28-85
Ormond, Allison Lee, Hickory — 7-13-85
Osberg, James William, Raleigh — 5-28-86
Peede, Alvin Wortham, Lillington — 3-9-86
Pittman, M. A., Jr., Wilson — 9-28-85
Potter, Clyde Randolph, Washington — 5-12-86
Raft, David, Durham — 10-16-85
Redwine, Oscar Leo, Kenansville — 12-9-85
Rodler, Dankwart E. Harold, New Bern — 12-14-85
Rose, Abram Hewitt, Jr., Raleigh — 10-28-85
Sluder, Harold Miles, Charlotte — 10-27-85
Stull, Evelyn Louise, Pinebluff — 5-14-86
Tandon, Mahendra Narain, Greensboro — 2-22-86
Verma, Harish Chander, Stedman — 7-25-85
Walker, Samuel Haywood, Asheville — 9-1-85
Wansker, Bernard Arthur, Charlotte — 11-21-85
Whitesides, William Carl, Jr., Charlotte — 3-16-86
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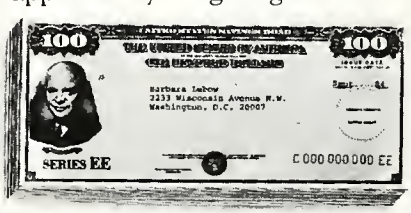


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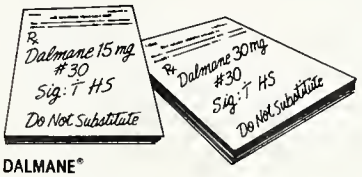
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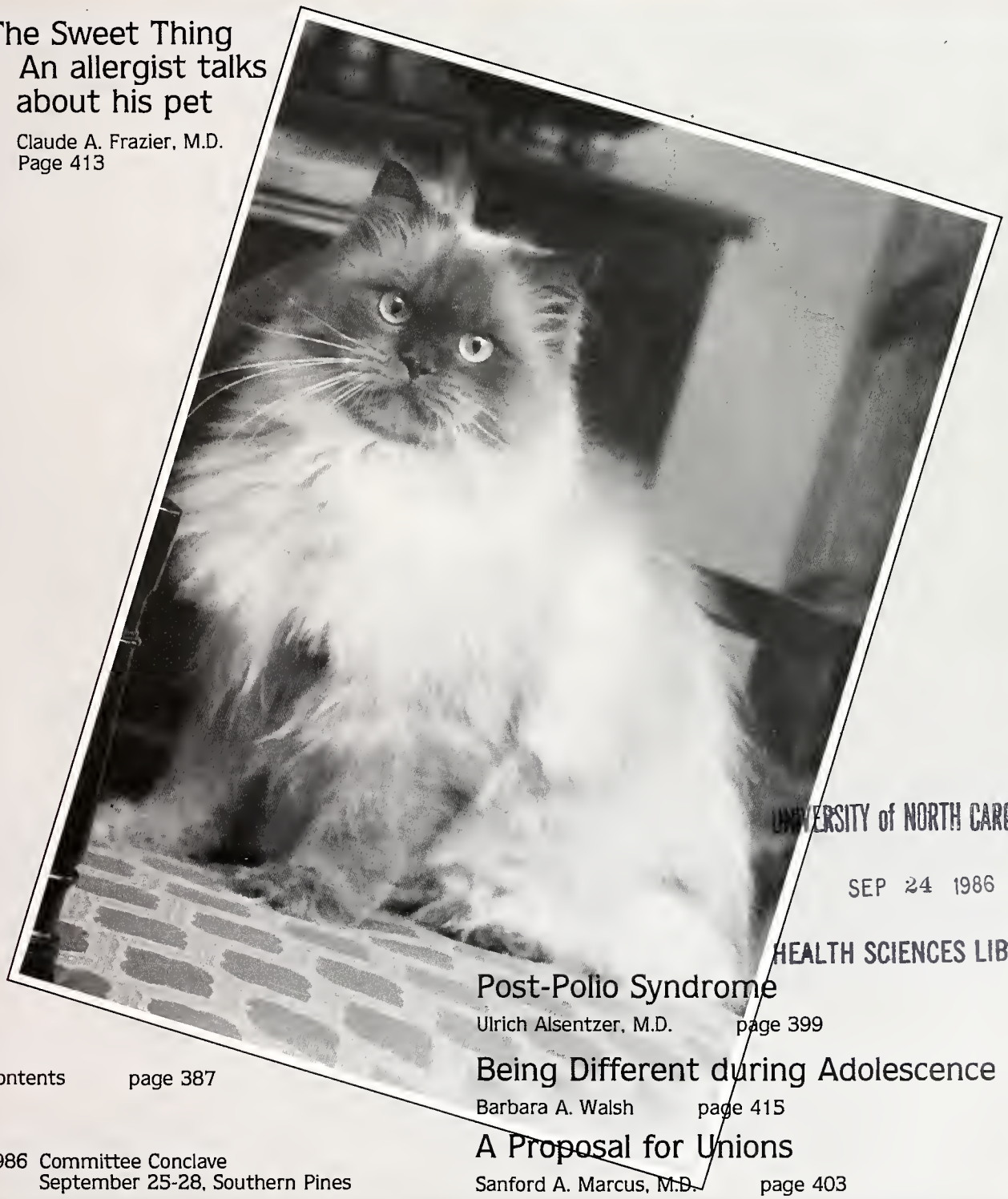
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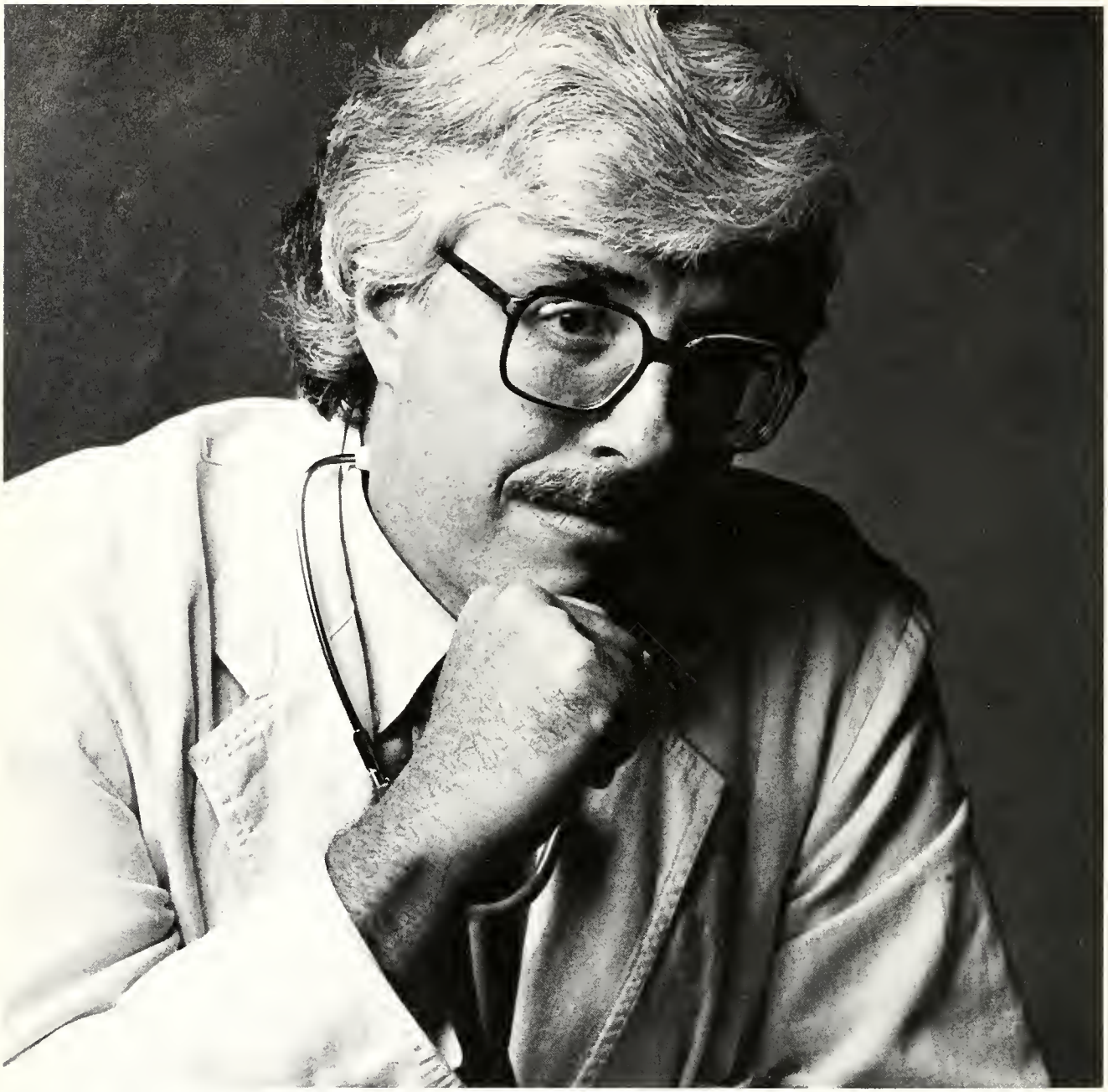
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SPECIAL ARTICLE

Listening to the Young: The Physician Surplus

John Bohannon Mason

IN the postwar years of 1945 to 1959 a physician-to-patient ratio of 141 to 100,000 was considered not only adequate but ideal. Population studies in the United States during this period projected a significant shortfall on the physician end of this "ideal" ratio.[1] During the next eleven years (1959-1970), both government and the private sector encouraged an increase in the number of physicians. Given the increase in the physician-to-patient ratio that resulted, and given the promise of further increases in the future, what types of changes might physicians expect in the structure and delivery of medical care?

The first warning of a possible physician shortage came in the 1959 Bane Report to the Surgeon General. This report forecast a decrease in the physician-to-patient ratio unless measures were taken immediately to increase the sizes of graduating classes of the nation's medical schools by 67%.[1] The greatest immediate obstacle to the expansion of the number of physicians was "the problem of financing the needed physical facilities."[1] The Bane report went further by encouraging private sector initiative fueled by matching federal government funds. The response was relatively swift: the Health Profession's Educational Assistance Act of 1963 was passed by Congress to expand the size and number of medical schools.

The 1964 Coggeshall Report to the Association of American Medical Colleges drew renewed attention to this worrisome issue.[2] In a report that emphasized the need for both urgency and diligence, the authors suggested it was "not likely that America would ever be able to produce all the physicians that one nation would like to have."[2] Other committees, such as the National Advisory Commission of Health and Manpower, expressed similar opinions. Even the American Medical Association, in a joint statement with the Association of American Medical Colleges, advocated immediate and drastic increases in the medical schools' output of physicians.[3] All of this attention to the potential physician shortage resulted in legislation to make funds available for construction, scholarships and other relevant projects in the health field. Included in this body of legislation was the Health Manpower Act of 1968.[4]

Concomitant with this increased attention to the need for more physicians was the development of a general social belief that health care belonged to all citizens. The 1954 Supreme Court case *Brown vs. Board of Education* and the Voting Rights Act of 1965[4] were among several milestones of the 1950s, 1960s, and 1970s in the articulation of individual rights beyond those specifically guaranteed in the Bill of Rights; the right-to-health-care concept emerged during this period and was bolstered by the Medicare-Medicaid legislation of 1965 and 1966, which entitled the elderly and the poor to the same high quality of care afforded the more affluent.

In the 1980s, the number of physicians in the United States continues to grow as a result of the push from the previous two decades. The Graduate Medical Education National Advisory Council (GMENAC) has become the touchstone for projecting physician numbers and national needs. GMENAC reported that by 1978 the physician-to-population ratio had grown to 171 per 100,000. Since there is an eight-year latency period between entry into medical school and entry into practice, the sharp increase in medical school admissions during the late 60s and 70s had only a slight effect on the number of practicing physicians during this period. By 1984, however, the number was growing at a rate three times that of the population. By 1990, the ratio will have shifted 43% to 215 physicians per 100,000 patients, or a 65% increase over the "ideal" ratio discussed in the Bane Report. Because of the latency period, this rise in the number of physicians will continue beyond 1990 even though the number of first-year medical students is leveling.[5]

Another result of the influx of physicians into the system is a downward shift in the mean age of physicians. Attrition that is expected from death, disability, and retirement amounts to smaller numbers than the replacement pool. Some increase above the ideal 141 per 100,000 ratio can be justified based on the tendency of the medical profession toward a greater degree of specialization. However, GMENAC projects physician populations matching or exceeding virtually all medical and surgical specialty needs by 1990. These projections are no longer based on a simplistic physician-to-patient population ratio, but rather on a more complex formula embracing incidence and prevalence of each disease or condition, the norms of care for that disease or condition, and various measures of physician productivity.

Increasing the supply of physicians has definite effects on the cost of health care. Each new doctor added to the health care field in the United States is said to create additional health care costs of $500,000 a year.[6] The increased number of physicians has contributed to the subspecialization of medical practice which in turn has contributed to the explosion of diagnostic testing and superspecialized care. Intellectual leanness has given way to much esoteric testing, often of dubious diagnostic value. The "technologic imperative"[7] in medicine, the compulsion to do something merely because it can be done, was reflected in the cost of health care in 1982: $1,365 per

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citizen — an even larger sum of personal expenditure than was represented by our country's enormous military budget.[8]

The inflationary nature of health care today has led to societal pressure to exercise some control over costs. The rising number of physicians contributes directly to both the increase in per capita health care costs and a push for a more formalized or industrialized system for health care delivery. However, the forces that are propelling these changes are not restricted to the increase in the physician population, but include this country's values surrounding health care and health care delivery. Whether or not these changes should occur is an interesting but not central question.[4] The most interesting point is that they could not occur without an increase in physician population.

Cost containment has focused on efforts to curtail the use of health services and make more efficient those services delivered. The development of a more businesslike atmosphere in health maintenance organizations and for-profit hospitals is a step toward achieving the latter goal. Medical care has advanced to a point where, arguably, the results of many procedures, in human terms, can be predicted with greater degrees of accuracy. This has led to a new benefit-to-cost-assessment attitude among many medical consumers.

As Tarlov suggests,

> The medical objectives of an era emanate from two formative influences. The first relates to the state of the art in the medical science of the period, which provides an understanding of disease processes and therapeutic modalities for successful intervention. The second is society's expectation of health care. These two influences coalesce to make explicit the social purpose of the system.[4]

The eradication of many acute illnesses through vaccination or antibiotics, the expanding elderly population, and the development of life-extending therapies have led a shift in medicine from acute to chronic care. At the same time, our society has come to place greater value on health maintenance. Medicine in 1986 and beyond will show increasing emphasis on maintenance or improvement of individual functioning in patients' normal environments: "health that will permit them to lead a socially and economically productive life."[9] The functional capability of his or her patients will become the major focus of the physician's practice.[4]

How will the physician react to such formalized systems as the health maintenance organization or the horizontally integrated hospital system? The shift toward youth in the physician population has made possible the comfortable acceptance of these changes. Residents and young physicians, frustrated by saturated specialties and increasingly intense competition for patients, are looking with a greater degree of acceptance at the fixed schedules, the competitively insulated surroundings, the reduced risk, and the salaried positions characteristic of industrialized health care systems.[10]

With physician oversupply we will see a continued growth in numbers of physicians in institution-like practice.[4] As a result of their employee status, physicians will be forced to organize into labor-union-like lobbying forces. The cohesion of individual physicians into bargaining collectives will result in the forfeiture of certain privileges, including undisputed autonomy.

The methods of receiving payment for services will alter dramatically in the industrialized medical field. Fixed contracts prescribing in detail the types of treatment to be delivered, the amount of time the patient will be allowed to recover in the hospital, and the types of follow-up care to be provided will be used in attempts to standardize the clinical decision-making process. "Therefore," according to one study, "both physician and patient, rather than being insulated from the economic consequences of use, as they have been under cost reimbursement and the 'usual-customary-reasonable' systems, will have a direct self-interest in shifting the pattern of care toward restraint."[4] The newer industrialized system will tend to diffuse the personal accountability of the individual physician. The physician will be responsible not only to his or her patients but also to the hospital to help make it financially viable; to the underwriting plans; to the health service corporation for which he or she works; and to the government for care of financially burdened patients.

Continued change in health care is forthcoming. How physicians adapt to these changes to ensure that the result serves the larger social purpose remains the greatest challenge. Physicians in the United States are now free of the constraints of domestic undersupply. One seemingly logical endeavor is for U.S.-trained physicians to adopt a world view of health care. Developing nations are strapped by physician undersupply; with a ratio of 1 to 45,000 — or 200 to 9,000,000 — a physician shortage plagues the Third World.[8] Sadly enough, only 0.3% of all American physicians work in international health, compared with 13% of Cuban physicians who practice overseas. (Coincidentally, the 70,000 excess physicians in the United States projected for 1990 will be 13% of the American total.)[5,8] A diplomatic windfall of physician exports would help stabilize international alliances.

The increase in the number of physicians came in response to a public consensus of need. Now that we have alleviated the pressure of undersupply with a marked overproduction of physicians that will continue to increase, the public seems more concerned with reducing the cost of care or, more directly, with seeing a clearer relationship between health and cost. In the wake of the physician surplus have come multiple cost-restraining mechanisms, many of which are based on prepayment and shared risk. The physicians' final reactions to the restructuring of medical practice are still unclear. Physicians are confronted by an imperative to understand not only the changes but also the forces behind them and to assist society in achieving its goals "within the context of the social purposes for which the health care system exists."[4]

References

1. Bane F. Physicians for a growing America: report of the Surgeon General's Consultant Group on Medical Education. Washington, D.C.: Government Printing Office, 1959.
2. Coggeshall LT. Planning for medical progress through education: a report submitted to the Executive Council of the Association of American Medical Colleges, 1965.

3. Carnegie Commission on Higher Education. Higher education and the nation's health: policies for medical and dental education. New York: McGraw-Hill, 1970:101-6.
4. Tarlov AR. Shattuck Lecture - the increasing supply of physicians, the changing structure of the health services system, and the future practice of medicine: presented to the 202nd annual meeting of the Massachusetts Medical Society, May 18, 1983. J Mississippi St Med Assoc September 1983.
5. Graduate Medical Education National Advisory Council. GMENAC summary report, Department of Health and Human Services publications (HRA) 81-651. Hyattsville, MD: Health Resources Administration, 1980, vol.1.
6. Woods D. The alleged MD surplus: a need for superb data, national policy. Canadian Med Assoc J 1983; 129:1171.
7. Madison DL. The case for community oriented primary care. JAMA 1983;249:1279-82.
8. Pust RE. U.S. abundance of physicians and international health. JAMA 1984;252:385-8.
9. Handbook of resolutions and decisions of the World Health Assembly and the Executive Board. 4th ed., vol.2(1973-1980). Geneva: World Health Organization, 1981.
10. Schleiter MK, Tarlov AR. Physician practice study. Final report to the Robert Wood Johnson Foundation, Princeton, New Jersey, August 15, 1982.

COMMENT

Duncan Yaggy, Ph.D.

I had lunch with three physicians in a rural community the other day. We were discussing the inroads that alternative delivery systems are making. Even though health maintenance organizations and preferred provider organizations are barely visible in their neighborhood, all three physicians were keenly aware of developments in the surrounding region. They knew that they would soon be dealing with alternative delivery systems.

Their reactions followed the pattern Mr. Mason suggests: the oldest was hoping to sustain his fee-for-service practice until he could retire. The next-oldest was no less skeptical about alternative delivery systems, but he was reconciling himself to working within them. The youngest looked forward to working with them. He felt he would do well in systems that rewarded efficiency and economy.

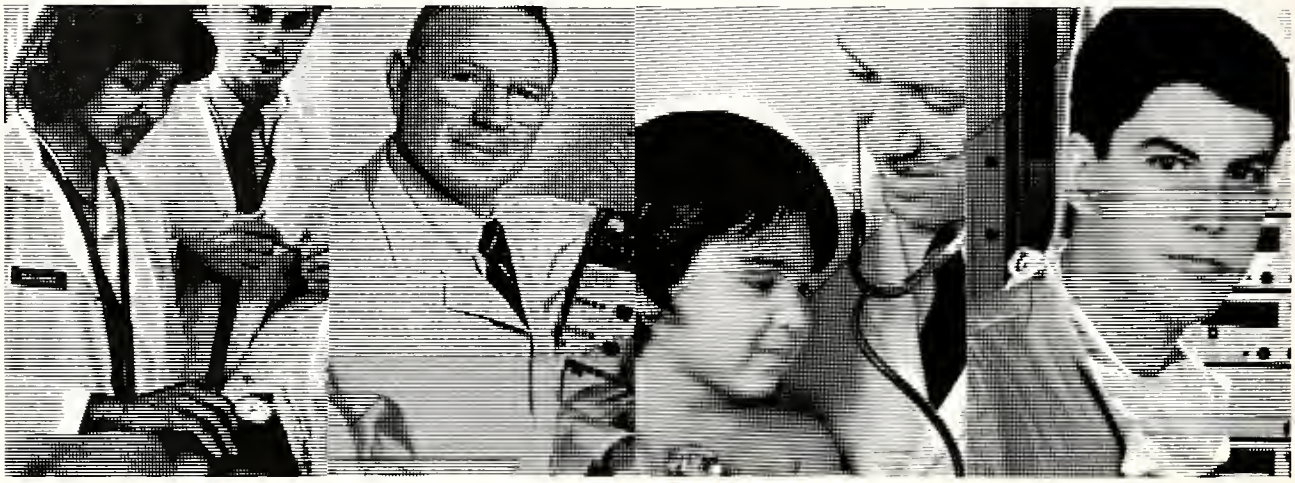
Mr. Mason says that "physicians will be forced to organize into labor-union-like lobbying forces" to protect their rights and interests in "institution-like practice." But recent developments suggest that relatively few physicians will become salaried employees. Most will continue in private practice.

Even so, they will organize and be organized, not in "labor-union-like lobbying forces" but in groups selling their services to alternative delivery systems. They are likely to be obliged to sell their services at a discount and, in addition, to assume a portion of the insurance risk. What is more, given the surplus of physicians that Mason describes, they may have to compete for the opportunity to provide care on this basis.

For many physicians now in practice, changes of this scope are not only repugnant but nearly unimaginable; but they are the likely consequence of the developments that Mason describes. As he says, "the physicians' final reactions to the restructuring of medical practice are still unclear."

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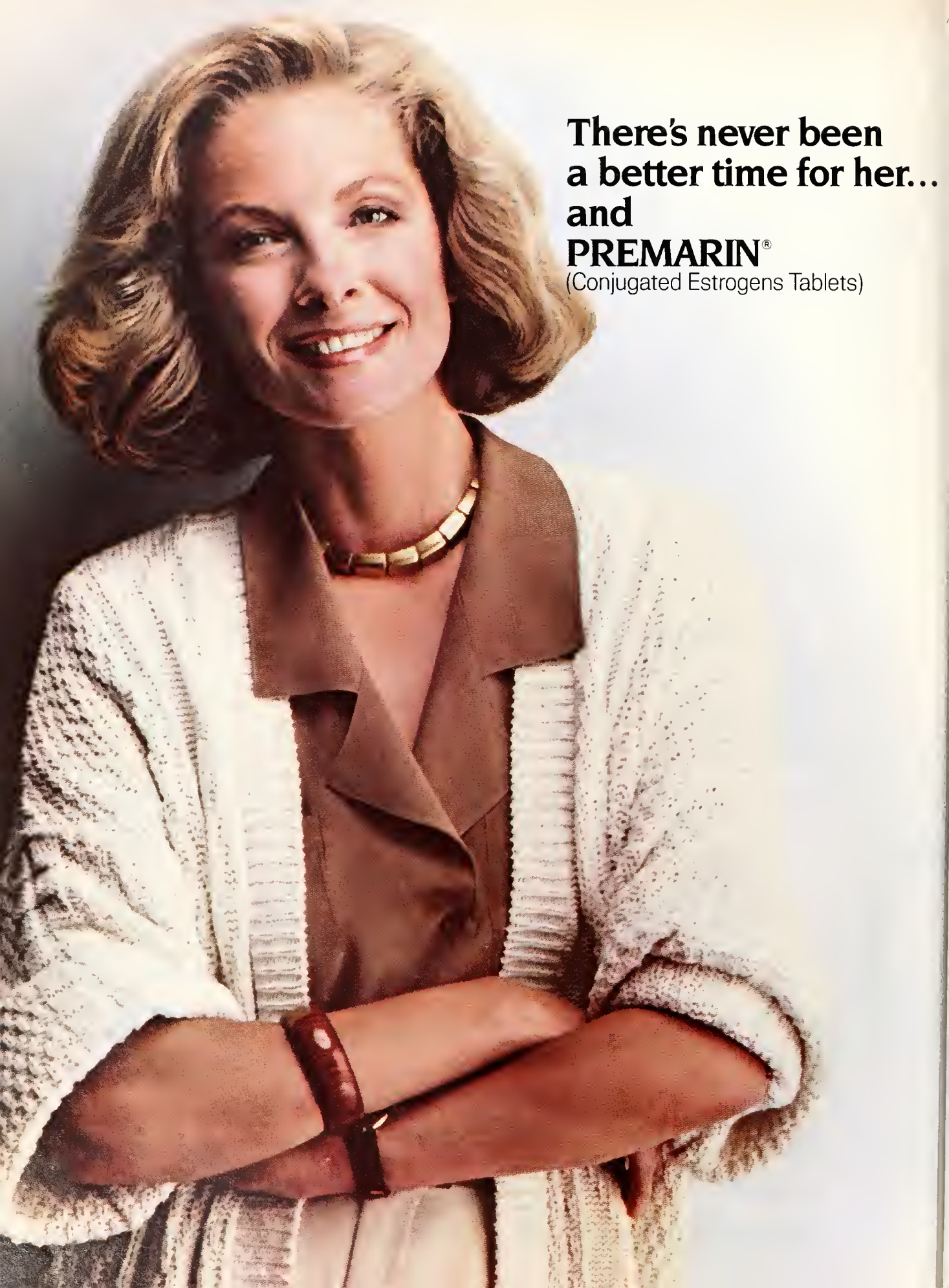
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Endometrial hyperplasia was significantly reduced when progestin was added to PREMARIN therapy for more than ten days a month.[1-4] The risk of endometrial hyperplasia may also be reduced through cyclic administration of unopposed, low-dose PREMARIN.

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PREMARIN used alone does not adversely affect lipid levels. In fact, a clinical study has shown a significant increase in HDL cholesterol—from 49.7 mg/dL to 56.4 mg/dL—and decrease in LDL cholesterol—from 165.1 mg/dL to 138.1 mg/dL—after one year of therapy with PREMARIN, 0.625 mg.[5]

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PREMARIN effectively relieves vasomotor symptoms, such as hot flashes. When estrogen deficiency is limited to atrophic vaginitis, PREMARIN® (conjugated estrogens) Vaginal Cream restores the vaginal environment to its premenopausal state.

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Please see following page for brief summary of prescribing information.

For moderate-to-severe vasomotor symptoms

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0.3 mg 0.625 mg 0.9 mg 1.25 mg 2.5 mg

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For atrophic vaginitis

PREMARIN®
(Conjugated Estrogens)

Vaginal Cream

0.625mg/g



BRIEF SUMMARY *(FOR FULL PRESCRIBING INFORMATION AND PATIENT INFORMATION, SEE PACKAGE CIRCULARS.)*

PREMARIN® Brand of conjugated estrogens tablets, USP
PREMARIN® Brand of conjugated estrogens Vaginal Cream in a nonliquefying base

1 ESTROGENS HAVE BEEN REPORTED TO INCREASE THE RISK OF ENDOMETRIAL CARCINOMA

Three independent case control studies have reported an increased risk of endometrial cancer in postmenopausal women exposed to exogenous estrogens for more than one year. This risk was independent of the other known risk factors for endometrial cancer. These studies are further supported by the finding that incidence rates of endometrial cancer have increased sharply since 1969 in eight different areas of the United States with population-based cancer reporting systems, an increase which may be related to the rapidly expanding use of estrogens during the last decade. The three case control studies reported that the risk of endometrial cancer in estrogen users was about 4.5 to 13.9 times greater than in nonusers. The risk appears to depend on both duration of treatment and on estrogen dose. In view of these findings, when estrogens are used for the treatment of menopausal symptoms, the lowest dose that will control symptoms should be utilized and medication should be discontinued as soon as possible. When prolonged treatment is medically indicated, the patient should be reassessed on at least a semiannual basis to determine the need for continued therapy. Although the evidence must be considered preliminary, one study suggests that cyclic administration of low doses of estrogen may carry less risk than continuous administration; it therefore appears prudent to utilize such a regimen. Close clinical surveillance of all women taking estrogens is important. In all cases of undiagnosed persistent or recurring abnormal vaginal bleeding, adequate diagnostic measures should be undertaken to rule out malignancy. There is no evidence at present that "natural" estrogens are more or less hazardous than "synthetic" estrogens at equiestrogenic doses.

2. ESTROGENS SHOULD NOT BE USED DURING PREGNANCY

The use of female sex hormones, both estrogens and progestogens, during early pregnancy may seriously damage the offspring. It has been shown that females exposed in utero to diethylstilbestrol, a non-steroidal estrogen, have an increased risk of developing in later life a form of vaginal or cervical cancer that is ordinarily extremely rare. This risk has been estimated as not greater than 4 per 1,000 exposures. Furthermore, a high percentage of such exposed women (from 30% to 90%) have been found to have vaginal adenosis, epithelial changes of the vagina and cervix. Although these changes are histologically benign, it is not known whether they are precursors of malignancy. Although similar data are not available with the use of other estrogens, it cannot be presumed they would not induce similar changes. Several reports suggest an association between intrauterine exposure to female sex hormones and congenital anomalies, including congenital heart defects and limb reduction defects. One case control study estimated a 4.7-fold increased risk of limb reduction defects in infants exposed in utero to sex hormones (oral contraceptives, hormone withdrawal tests for pregnancy, or attempted treatment for threatened abortion). Some of these exposures were very short and involved only a few days of treatment. The data suggest that the risk of limb reduction defects in exposed fetuses is somewhat less than 1 per 1,000. In the past, female sex hormones have been used during pregnancy in an attempt to treat threatened or habitual abortion. There is considerable evidence that estrogens are ineffective for these indications, and there is no evidence from well controlled studies that progestogens are effective for these uses. If PREMARIN is used during pregnancy, or if the patient becomes pregnant while taking this drug, she should be apprised of the potential risks to the fetus, and the advisability of pregnancy continuation.

DESCRIPTION: PREMARIN (conjugated estrogens, USP) contains a mixture of estrogens, obtained exclusively from natural sources, blended to represent the average composition of material derived from pregnant mares' urine. It contains estrone, equilin, and 17α-dihydroequilin, together with smaller amounts of 17α-estradiol, equilenin, and 17α-dihydroequilenin as salts of their sulfate esters. Tablets are available in 0.3 mg, 0.625 mg, 0.9 mg, 1.25 mg, and 2.5 mg strengths of conjugated estrogens. Cream is available as 0.625 mg conjugated estrogens per gram.

INDICATIONS AND USAGE: PREMARIN (conjugated estrogens tablets, USP): Moderate-to-severe *vasomotor* symptoms associated with the menopause. (There is no evidence that estrogens are effective for nervous symptoms or depression without associated vasomotor symptoms and they should not be used to treat such conditions.) **Osteoporosis (abnormally low bone mass).** Atrophic vaginitis. Kraurosis vulvae. Female castration.

PREMARIN (conjugated estrogens) Vaginal Cream is indicated in the treatment of atrophic vaginitis and kraurosis vulvae. PREMARIN HAS NOT BEEN SHOWN TO BE EFFECTIVE FOR ANY PURPOSE DURING PREGNANCY AND ITS USE MAY CAUSE SEVERE HARM TO THE FETUS (SEE BOXED WARNING).

Concomitant Progestin Use: The lowest effective dose appropriate for the specific indication should be utilized. Studies of the addition of a progestin for 7 or more days of a cycle of estrogen administration have reported a lowered incidence of endometrial hyperplasia. Morphological and biochemical studies of the endometrium suggest that 10 to 13 days of progestin are needed to provide maximal maturation of the endometrium and to eliminate any hyperplastic changes. Whether this will provide protection from endometrial carcinoma has not been clearly established. There are possible additional risks which may be associated with the inclusion of progestin in estrogen replacement regimens. (See PRECAUTIONS.) The choice of progestin and dosage may be important; product labeling should be reviewed to minimize possible adverse effects.

CONTRAINDICATIONS: Estrogens should not be used in women (or men) with any of the following conditions: 1. Known or suspected cancer of the breast except in appropriately selected patients being treated for metastatic disease. 2. Known or suspected estrogen-dependent neoplasia. 3. Known or suspected pregnancy (See Boxed Warning). 4. Undiagnosed abnormal genital bleeding. 5. Active thrombophlebitis or thromboembolic disorders. 6. A past history of thrombophlebitis, thrombosis, or thromboembolic disorders associated with previous estrogen use (except when used in treatment of breast or prostatic malignancy).

WARNINGS: Long-term continuous administration of natural and synthetic estrogens in certain animal species increases the frequency of carcinomas of the breast, cervix, vagina, and liver. There are now reports that estrogens increase the risk of carcinoma of the endometrium in humans. (See Boxed Warning.) At the present time there is no satisfactory evidence that estrogens given to postmenopausal women increase the risk of cancer of the breast, although a recent study has raised this possibility. There is a need for caution in prescribing estrogens for women with a strong family history of breast cancer or who have breast nodules, fibrocystic disease, or abnormal mammograms. A recent study has reported a 2- to 3-fold increase in the risk of surgically confirmed gallbladder disease in women receiving postmenopausal estrogens.

Adverse effects of oral contraceptives may be expected at the larger doses of estrogen used to treat prostatic or breast cancer or postpartum breast engorgement; it has been shown that there is an increased risk of thrombosis in men receiving estrogens for prostatic cancer and women for postpartum breast engorgement. Users of oral contraceptives have an increased risk of diseases, such as thrombophlebitis, pulmonary embolism, stroke, and myocardial infarction. Cases of retinal thrombosis, mesenteric thrombosis, and optic neuritis have been reported in oral contraceptive users. An increased risk of postsurgery thromboembolic complications has also been reported in users of oral contraceptives. If feasible, estrogen should be discontinued at least 4 weeks before surgery of the type associated with an increased risk of thromboembolism, or during periods of prolonged immobilization. Estrogens should not be used in persons with active thrombophlebitis, thromboembolic disorders, or in persons with a history of such disorders in association with estrogen use. They should be used with caution in patients with cerebral vascular or coronary artery disease. Large doses (5 mg conjugated estrogens per day), comparable to those used to treat cancer of the prostate and breast, have been shown to increase the risk of nonfatal myocardial infarction, pulmonary embolism and thrombophlebitis. When doses of this size are used, any of the thromboembolic and thrombotic adverse effects should be considered a clear risk.

Benign hepatic adenomas should be considered in estrogen users having abdominal pain and tenderness, abdominal mass, or hypovolemic shock. Hepatocellular carcinoma has been reported in women taking estrogen-containing oral contraceptives. Increased blood pressure may occur with use of estrogens in the menopause and blood pressure should be monitored with estrogen use. A worsening of glucose tolerance has been observed in patients on estrogen-containing oral contraceptives. For this reason, diabetic patients should be carefully observed. Estrogens may lead to severe hypercalcemia in patients with breast cancer and bone metastases.

PRECAUTIONS: Physical examination and a complete medical and family history should be taken prior to the initiation of any estrogen therapy with special reference to blood pressure, breasts, abdomen, and pelvic organs, and should include a Papanicolaou smear. As a general rule, estrogen should not be prescribed for longer than one year without another physical examination being performed. Conditions influenced by fluid retention such as asthma, epilepsy, migraine, and cardiac or renal dysfunction, require careful observation. Certain patients may develop manifestations of excessive estrogenic stimulation, such as abnormal or excessive uterine bleeding, mastodynia, etc. Prolonged administration of unopposed estrogen therapy has been reported to increase the risk of endometrial hyperplasia in some patients. Oral contraceptives appear to be associated with an increased incidence of mental depression. Patients with a history of depression should be carefully observed. Preexisting uterine leiomyomata may increase in size during estrogen use. The pathologist should be advised of estrogen therapy when relevant specimens are submitted. If jaundice develops in any patient receiving estrogen, the medication should be discontinued while the cause is investigated. Estrogens should be used with care in patients with impaired liver function, renal insufficiency, metabolic bone diseases associated with hypercalcemia, or in young patients in whom bone growth is not complete. If concomitant progestin therapy is used, potential risks may include adverse effects on carbohydrate and lipid metabolism.

The following changes may be expected with larger doses of estrogen:

a Increased sulfobromophthalein retention.

b Increased prothrombin and factors VII, VIII, IX, and X; decreased antithrombin 3; increased norepinephrine-induced platelet aggregability.

c Increased thyroid binding globulin (TBG) leading to increased circulating total thyroid hormone, as measured by PBI, T4 by column, or T4 by radioimmunoassay. Free T3 resin uptake is decreased, reflecting the elevated TBG; free T4 concentration is unaltered.

d Impaired glucose tolerance.

e Decreased pregnanediol excretion.

f Reduced response to metyrapone test.

g Reduced serum folate concentration.

h Increased serum triglyceride and phospholipid concentration. As a general principle, the administration of any drug to nursing mothers should be done only when clearly necessary since many drugs are excreted in human milk.

ADVERSE REACTIONS: The following have been reported with estrogenic therapy, including oral contraceptives: breakthrough bleeding, spotting, change in menstrual flow, dysmenorrhea; premenstrual-like syndrome; amenorrhea during and after treatment; increase in size of uterine fibromyomata; vaginal candidiasis, change in cervical erosion and in degree of cervical secretion; cystitis-like syndrome; tenderness, enlargement, secretion (of breasts); nausea, vomiting, abdominal cramps, bloating; cholestatic jaundice; chloasma or melasma which may persist when drug is discontinued; erythema multiforme, erythema nodosum; hemorrhagic eruption; loss of scalp hair; hirsutism; steepening of corneal curvature; intolerance to contact lenses; headache, migraine, dizziness, mental depression, chorea, increase or decrease in weight; reduced carbohydrate tolerance; aggravation of porphyria; edema; changes in libido.

ACUTE OVERDOSAGE: May cause nausea, and withdrawal bleeding may occur in females.

DOSAGE AND ADMINISTRATION:

PREMARIN® Brand of conjugated estrogens tablets, USP

1. *Given cyclically for short-term use only.* For treatment of moderate to severe *vasomotor* symptoms, atrophic vaginitis, or kraurosis vulvae associated with the menopause (0.3 to 1.25 mg or more daily). The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible. Administration should be cyclic (eg, three weeks on and one week off). Attempts to discontinue or taper medication should be made at three- to six-month intervals.

2. *Given cyclically:* Female castration. Osteoporosis. Female castration—1.25 mg daily, cyclically. Adjust upward or downward according to response of the patient. For maintenance, adjust dosage to lowest level that will provide effective control. Osteoporosis—0.625 mg daily. Administration should be cyclic (eg, three weeks on and one week off).

Patients with an intact uterus should be monitored for signs of endometrial cancer and appropriate measures taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

PREMARIN® Brand of conjugated estrogens Vaginal Cream

Given cyclically for short-term use only. For treatment of atrophic vaginitis or kraurosis vulvae.

The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible.

Administration should be cyclic (eg, three weeks on and one week off).

Attempts to discontinue or taper medication should be made at three-to-six month intervals.

Usual dosage range: 2 to 4 g daily, intravaginally, depending on the severity of the condition.

Treated patients with an intact uterus should be monitored closely for signs of endometrial cancer and appropriate diagnostic measures should be taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

References:

1. Whitehead MI, Townsend PT, Pryse-Davies J, et al: Effects of estrogens and progestins on the biochemistry and morphology of the postmenopausal endometrium. *N Engl J Med* 1981;305:1599-1605 **2.** Paterson MEL, Wade-Evans T, Sturdee DW, et al: Endometrial disease after treatment with oestrogens and progestogens in the climacteric. *Br Med J* 1980;280:822-824. **3.** Magos AL, Brincat M, Studd JWW, et al: Amenorrhea and endometrial atrophy with continuous oral estrogen and progestogen therapy in postmenopausal women. *Obstet Gynecol* 1985; 67: 496-499. **4.** Whitehead MI, Lane G, Siddle N, et al: Avoidance of endometrial hyperstimulation in estrogen-treated postmenopausal women. *Semin Reprod Endocrinol* 1983;1:1;41-52. **5.** Barnes RB, Roy S, Lobo RA: Comparison of lipid and androgen levels after conjugated estrogen or depo-medroxyprogesterone acetate treatment in postmenopausal women. *Obstet Gynecol* 1985;66:216-219

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SCIENTIFIC ARTICLE

Cure of Hepatic Candidiasis in Acute Leukemia

Bayard L. Powell, M.D., Don V. Jackson, Jr., M.D., John B. Craig, M.D., Joel E. Richter, M.D., Robert L. Capizzi, M.D.

OPPORTUNISTIC fungal infections, predominantly with Candida species, have become a major cause of morbidity and mortality during remission induction for acute nonlymphocytic leukemia (ANLL) and acute lymphocytic leukemia (ALL).[1-6] Candida sepsis and localized tissue infections other than oropharyngeal disease represent life-threatening, and frequently fulminant, complications in leukemia patients.[7]

Antemortem diagnosis of hepatic candidiasis is infrequent despite current computed tomographic (CT) and sonographic techniques which facilitate early detection; [3,8-20] a literature search identified six cases of prolonged survival after biopsy documenting liver involvement in leukemia patients.[8,12,14-16,19] We describe here a patient who developed biopsy-proven hepatic Candida microabscesses (and probable splenic infection) during induction therapy for ANLL and who is clearly cured of this complication after aggressive antifungal therapy.

Case Report

A previously healthy 36-year-old woman presented with easy bruisability, fatigue, dyspnea on exertion, an oral temperature of 102°F, and a white blood cell (WBC) count of 59,300/mm^3 with 77% myeloblasts. Bone marrow examination confirmed the diagnosis of ANLL. After two days of supportive care including broad spectrum antibiotics (cephapirin and tobramycin), induction chemotherapy was initiated with sequential high dose cytosine arabinoside (ara-C; 3 g/m^2 every 12 hours for 4 doses) and L-asparaginase (10,000 IU intramuscularly at hour 39) on days 1 and 8. Fevers recurred and amphotericin B was empirically begun on day 10 of antileukemic therapy. Candida albicans was subsequently isolated from throat, sputum, and urine cultures. Pulmonary infiltrates were noted on a chest x-ray (CXR) obtained on day 19; a barium swallow on day 21 showed evidence of esophagitis. Multiple blood cultures were negative. As the peripheral WBC count recovered, all symptoms slowly resolved. On day 26 a bone marrow examination confirmed a complete remission and intravenous antibiotics and amphotericin B (total dose = 421 mg) were discontinued. The patient remained afebrile and was discharged, 30 days after initiation of chemotherapy, with 11,200 WBC (62% granulocytes). The alkaline phosphatase (AP; normal 30-110 U/L) and lactate dehydrogenase (LDH; normal 90-250 U/L) levels remained elevated at 167 and 477 U/L, respectively.

Recurrent fevers and persistent symptoms of esophagitis resulted in hospitalization seven days after discharge. Oral temperature on admission was 103.6°F; the remainder of the physical examination revealed no evidence of infection. A complete blood count (CBC) showed 13,700 WBC/mm^3 with 60% neutrophils and 14% band forms. The serum chemistry profile was normal except for an AP of 130 U/L and LDH of 419 U/L. CXR showed continued improvement of the pulmonary infiltrates and all cultures were negative. Despite reinstitution of broad spectrum antibiotics, fevers persisted. CT of the abdomen revealed multiple filling defects in the liver and spleen consistent with microabscesses. Ultrasonography showed no evidence of abscesses. All antibiotics were discontinued and a laparoscopy with directed liver biopsies was performed. The liver surface was remarkable only for multiple small (<5mm) white nodules which exuded purulent appearing material at the time of biopsy. Potassium hydroxide preparation and subsequent microscopic examination of the biopsy samples were positive for yeast and hyphae forms which were morphologically consistent with Candida organisms; cultures were negative. Treatment was initiated with intravenous amphotericin B (escalated doses to 40 mg/day) and oral 5-fluorocytosine (5-FC; 10 g/day in four divided doses). The patient became afebrile and a repeat CT scan after 24 days of antifungal therapy was unchanged. Following discharge amphotericin B (40 mg/day via a Hickman catheter) and oral 5-FC (8 g/day) were continued; outpatient amphotericin B was well tolerated without notable toxicity.

Repeat CT scans 8 and 20 weeks after initiation of antifungal therapy showed further inprovement. The patient remained asymptomatic and therapy was continued. When lesions persisted on a scan after more than six months of therapy, amphotericin B and 5-FC were discontinued (cumulative amphotericin B dose of 5.73 grams), and a repeat laparoscopy was performed by the same gastroenterologist (JER). This revealed only depressed stellate areas consistent with healing abscesses. Four liver biopsies were obtained which showed focal fatty metamorphosis but no fungal elements or leukemia. Antifungal therapy was not reinstituted.

Eleven months after diagnosis, CT again revealed persistent liver defects and the AP remained elevated (190 U/L). A repeat laparoscopy with directed liver biopsies revealed the liver surface to be nodular but without evidence of abscesses; biopsy specimens were negative for Candida, leukemia or other abnormalities.

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Table 1
Patients with Evidence of Cure of Hepatic Candidiasis

Reference	*Age/sex*	*Diagnosis*	*Cumulative dose amphotericin B*	*Survival duration*	*Other evidence of cure*
8	15/NR*	ANLL	NR*	5+ mo.	CT, Biopsy
12	25/F	ANLL	1000 mg	2+ mo.	BMT†
14	44/F	ANLL	2001 mg	10 mo.	—
15	24/F	ALL	1000 mg	21+ mo.	—
16	48/F	ANLL	3953 mg	10+ mo.	—
19	NR*	ANLL	NR*	NR*	MS‡
Current	36/F	ANLL	5730 mg	30+ mo.	CT, biopsies, MS‡

* NR — Not reported
† Subsequent bone marrow transplant (BMT) without recurrence
‡ Subsequent induction or consolidation chemotherapy induced myelosuppression (MS) without recurrence

Fifteen months after the initial diagnosis of ANLL and six months after completion of antifungal therapy, the patient suffered a relapse of her leukemia. A CT scan showed continued improvement with near complete resolution of hepatic and splenic defects. Reinduction chemotherapy consisted of ara-C (100 mg/m^2/day by continuous infusion on days 1-7) and daunorubicin (45 mg/m^2/day on days 1-3). Despite broad spectrum antibiotics which were begun on day 4, intermittent low grade fevers ($\leq = 101°F$) persisted and empiric amphotericin B was begun on day 11. Blood cultures were repeatedly negative and serum AP, LDH and serum glutamic oxaloacetic transaminase (SGOT) remained stable. A complete remission was attained after 20 days of granulocytopenia. Antibiotics and amphotericin B (330 mg total dose during reinduction) were discontinued and the patient was discharged 28 days after initiation of chemotherapy.

Two months after achieving a second remission, relapse of leukemia was again noted. The patient was induced with low dose ara-C (10 mg/m^2 subcutaneously every 12 hours) for 15 days. The patient was granulocytopenic for 16 days without recurrence of signs or symptoms of hepatic candidiasis. A third complete remission was achieved and was maintained for 12 months. The patient has recently undergone a fourth induction attempt for her ANLL. Despite 25 days of granulocytopenia, she remains free of evidence of hepatic disease over 30 months after diagnosis of hepatic candidiasis.

Discussion

Fungal infections, predominantly with Candida species,[1,3] have been noted with increasing frequency in clinical[2] and autopsy series[3-5,7] of immunocompromised patients, many of whom have acute leukemia. Fungal infections have been noted in over one-fourth of autopsies in acute leukemia patients,[4] in over one-third of infection-related deaths in acute leukemics,[1,2] and, in some subpopulations, surpass bacteria as a cause of fatal infections.[2] The gastrointestinal tract appears to be the major portal of entry for Candida infections and may be especially important in hepatic candidiasis.[4,5,16,21]

The incidence of hepatic and/or splenic Candida infections in leukemia patients is poorly defined. Bartley, et al documented fungal abscesses in the liver by computed tomography and subsequent biopsy or surgery in 5 of 275 children with acute leukemia.[9] Hughes described autopsy findings in 109 fatal cases of systemic candidiasis in immunosuppressed children (92 with acute leukemia). Sixty-one percent had splenic and 51% had liver involvement by Candida, predominantly C. albicans.[6] Bodey described the autopsy findings in 454 patients with acute leukemia; 71 had "severe" Candida infections. The liver was involved in 23/71 and the spleen was involved in 25/71.[4] Other authors have reported liver involvement in three-fourths and splenic infection in 58-94% of acute leukemia patients with disseminated candidiasis.[3,5]

Antemortem diagnosis of hepatic candidiasis has been facilitated by CT and ultrasonic scanning as well as by improved laparoscopic techniques. The diagnosis can be confirmed by percutaneous liver biopsy; however, laparoscopy, CT, or ultrasonography guided biopsies increase the yield. Laparoscopy also provides visual assessment of healing or progression at the time of follow-up evaluation. Cultures of the antemortem liver biopsies are rarely positive despite histologic evidence of fungal elements.[8,10,12,16,18] Blood cultures are positive in only 25-30% of patients with hepatic and other invasive forms of candidiasis.[4,7,16] A literature search identified 24 cases (including the present case) of biopsy documented hepatic candidiasis in acute leukemics.[3,8-20]

Therapeutic options for Candida infections of the liver are limited. Amphotericin B with or without 5-FC is the current standard therapy and was employed in all but one case where therapy was reported. Evaluation of the appropriate dose and schedule of these agents suffers from the paucity of antemortem cases and, especially, long-term survivors.

The prognosis for leukemia patients with hepatic candidiasis is generally grave. Of the previous 24 cases diagnosed antemortem in acute leukemics, only six have evidence of eradication of this complication (table 1); all achieved complete remissions, and all received amphotericin B. Our patient received the largest cumulative dose of amphotericin B (5730 mg); the role of this prolonged course of antifungal therapy in the cure of her infection is difficult to determine. Antifungal therapy was continued until the time of repeat laparoscopy and biopsy because radiographic defects persisted and the treatment was well tolerated. It is possible that less therapy in conjunction with continued complete remission would also have been

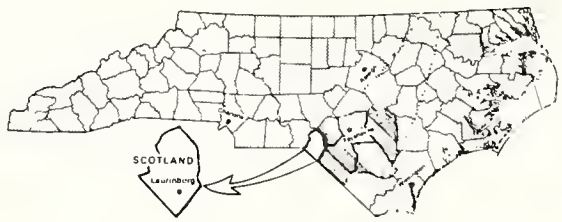
curative. Others have theorized that the major positive prognostic indicator in granulocytopenic patients with hepatic candidiasis is achievement of bone marrow remission.[3,4,14] Indeed, return of normal bone marrow function is probably necessary, though not sufficient, for elimination of hepatic fungal infections. The present patient's hepatic infection became evident only after complete remission was attained; therefore, it is likely that antifungal therapy played a major role in eradication of her infection. In future patients it may be useful to repeat laparoscopy directed biopsies earlier in the treatment course to determine the necessity for prolonged therapy; the utility of radiographic tests in follow-up of these patients may be limited.[19]

In summary, this case report demonstrates the curability of hepatic (and probable splenic) candidiasis in a patient with acute leukemia as evidenced by multiple negative laparoscopy directed liver biopsies and by three courses of myelosuppressive induction chemotherapy without recurrence. Determination of the optimal therapy and follow-up for such patients requires further study.

References

1. Bodey GP, Bolivar R, Fainstein V. Infectious complications in leukemic patients. Semin Hematol 1982; 19:193-256.
2. Estey EH, Keating MJ, McCredie KB, Freireich EJ. Causes of initial remission induction failure in acute myelogenous leukemia. Blood 1982; 60:309-15.
3. DeGregorio MW, Lee WMF, Linker CA, et al. Fungal infections in patients with acute leukemia. Am J Med 1982; 73:543-8.
4. Bodey GP. Fungal infections complicating acute leukemia. J Chron Dis 1966; 19:667-87.
5. Myerowitz RL, Pazin GJ, Allen CM. Disseminated candidiasis: changes in incidence, underlying diseases, and pathology. Am J Clin Pathol 1977; 68:29-38.
6. Hughes WT. Systemic candidiasis: a study of 109 fatal cases. Pediatr Infect Dis 1982; 1:11-8.
7. Gold JWM. Opportunistic fungal infections in patients with neoplastic disease. Am J Med 1984; 76:458-63.
8. Berlow ME, Spirt BA, Weil L. CT follow-up of hepatic and splenic fungal microabscesses. J Comput Assist Tomogr 1984; 8:42-5.
9. Bartley DL, Hughes WT, Parvey LS, Parham D. Computed tomography of hepatic and splenic fungal abscesses in leukemic children. Pediatr Infect Dis 1982; 1:317-21.
10. Bondestam S, Jansson S-E, Kivisaari L, et al. Liver and spleen candidiasis: imaging and verification by fine-needle aspiration biopsy. Br Med J 1981; 282:1514-5.
11. Miller JH, Greenfield LD, Wald BR. Candidiasis of the liver and spleen in childhood. Radiology 1982; 142:375-80.
12. Moseley RH, Kris MG, Einzig A, et al. Respiratory alkalosis and abdominal pain heralding Candida hepatitis: occurrence in patients with acute leukemia in remission. Arch Intern Med 1982; 142:1495-7.
13. Ho B, Cooperberg PL, Li DKB, et al. Ultrasonography and computed tomography of hepatic candidiasis in immunocompromised patients. J Ultrasound Med 1982; 1:157-9.
14. Magnussen CR, Olson JP, Ona FV, Graziani AJ. Candida fungus balls in the common bile duct: unusual manifestation of disseminated candidiasis. Arch Intern Med 1979; 139:821-2.
15. Jones JM. Granulomatous hepatitis due to Candida albicans in patients with acute leukemia. Ann Intern Med 1981; 94:475-7.
16. Lewis JH, Patel HR, Zimmerman HJ. The spectrum of hepatic candidiasis. Hepatology 1982; 2:479-87.
17. Suziki H, Harada K, Higashi F, et al. Detection of liver microabscesses due to Candida albicans by liver biopsy in a patient with leukemia during complete remission: report of a case. Kansenshogaku Zasshi 1979; 53:23-8.
18. Tashjian LS, Abramson JS, Peacock JE Jr. Focal hepatic candidiasis: a distinct clinical variant of candidiasis in immunocompromised patients. Rev Infect Dis 1984; 6:689-703.
19. Linker CA, DeGregorio MW, Ries CA. Computerized tomography in the diagnosis of systemic candidiasis in patients with acute leukemia. Med Pediatr Oncol 1984; 12:380-5.
20. Chan CSP, Tuazon CU, Lessin LS. Amphotericin-B-induced thrombocytopenia. Ann Intern Med 1982; 96:332-3.
21. Stone HH, Kolb LD, Currie CA, et al. Candida sepsis: pathogenesis and principles of treatment. Ann Surg 1974; 179:697-711.





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SCIENTIFIC ARTICLE

Post-Polio Syndrome

Ulrich Alsentzer, M.D.

AFTER the United States had its last large polio epidemic in the mid-1950s, a powerful vaccine in hand, the books on polio could have been closed — so it seemed. Except for Robert Bennett in Warm Springs, Georgia, who had followed polio victims over many years and had seen patients since the early 1930s, no one seemed to appreciate that new symptoms might develop years after rehabilitation had seemed complete. Recovery and stabilization at the end of the rehabilitation program might not be the end of the patient's struggle.[1] Only when, in the late seventies and early eighties, patients who had had polio 25, 30, 40 years ago hurried back to the doctors' offices in large numbers did it become clear that another epidemic was underfoot.

Approximations from prevalence data from other states suggest an estimated 7,000 polio survivors in North Carolina of whom an estimated 1,700 might have some secondary problems.[2] Two reviews[3,4] have recently opened the discussion of progressive post-polio muscular atrophy (PPPMA), or the post-polio syndrome, to a wider physician audience. Consumer organizations have formed which have encouraged the development of "polio clinics."[5] This paper is an account of the author's own clinical observations and deductions about this perplexing and worrisome syndrome.

The Symptoms

General fatigue is the most common complaint, followed by muscle aching, weakness, cramping, fasciculation and joint deformities.[2,6,7,8,9] Endurance decreases for repetitive tasks. Very cold extremities,[10,11] predominantly those that showed clinical weakness during the original infection, are almost always seen. Often peripheral pulses at the popliteal fossa and ankle are easily palpable while the foot is cyanotic and cold. Many patients complain about joint pain; none, however, have any complaints regarding sensory changes that could not be explained otherwise (e.g., diabetic neuropathy). These symptoms are observed in those muscles that had been weak initially and subsequently recovered completely or partially or in those that had never been weak at all.

Inevitably, the symptoms involving the muscles are triggered by strenuous physical activities, exercise, repetitive tasks, factory work, or household work.[1,2,6,7,9,12,13] At worst, it takes the patients several weeks to recover from a bout, and recovery can only be accomplished by rest. Naturally, the patients are concerned. Many physicians are unfamiliar with the condition, and unable to explain the origin of the symptoms to their patients.

Hypotheses of what causes this secondary bout of weakness in polio patients include an alleged increased susceptibility to amyotrophic lateral sclerosis, a reactivation of the polio virus, and accelerated aging. A review of the physiology of the motor unit and polio infection leads to some now widely accepted conclusions:[2]

1. The polio virus selectively attacks anterior horn cells.
2. A small percentage of motor units in each muscle is sufficient to yield a fair-graded contraction in a singular manual muscle test.
3. Muscle fibers that have lost their neuronal connection are frequently being reinnervated through nerve fibers supplying neighboring muscle fibers (collateral sprouting).
4. Anterior horn cells, via their axons, supply synapses with neurotransmitters and the muscle fiber with trophic substances.
5. When prolonged work is required from a muscle, different motor units take turns in effecting that muscle's contraction.

Except for the occurrence of temperature-regulation abnormalities seen in the limbs of polio patients, weakness and fatigue can be explained by these facts.

A single fair-graded muscle contraction requires but a small percentage of the motor units of that muscle to be active. Fatigue of a singular motor unit is prevented by sequential action which permits all motor units in a muscle to have periods of rest.Clinical detection of restricted motor unit disease is prevented by the abundance of undiseased motor units which can easily perform tasks of short or moderate duration without signs of weakness or fatigue. Therefore it is not always possible to detect clinically all muscles that contain motor units whose anterior horn cells were affected by the polio virus. However, the increased usage of the remaining motor units in a muscle represents overutilization and increased wear, and eventually results in decreased endurance, weakness and fatigue.[1,12]

Collateral sprouting takes place when muscle fibers have lost their peripheral nerve connection to their original anterior horn cells. Intact peripheral nerve filaments send terminal branches toward those muscle fibers that have lost their innervation. This results in an enlarged territory of a motor unit, which is evidenced on electromyographical studies with the appearance of polyphasic potentials.[14] An increase in strength and endurance is correlated with it. Initially, the polyphasic potentials seen on electromyographical studies are temporarily dispersed. In our own

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observation, patients with poliomyelitis develop — 20, 30 and more years after their initial infection — short-duration, high-applitude polyphasic potentials of less than ten milliseconds duration, indicating a synchronized firing of muscle fibers connected with a single anterior horn cell. An anterior horn cell not only supplies its terminal nerve branches with neurotransmitters but also the innervated muscle fibers with "trophic substances." Over a human's normal lifetime an anterior horn cell seems to have a reasonably redundant capacity to supply those substances to its assigned muscle fibers. An anterior horn cell, however, that has taken over the duties of innervating more than its original territory will have to produce more than its original share of neurotransmitters and trophic substances. The biochemical processes for this involve increased demands on protein synthesis, which also increases the possibility for production burnout or synthesis of useless neurotransmitters and aberrant trophic substances.

Approach to the Polio Patient

A multidisciplinary approach involving physical therapists, occupational therapists, respiratory therapists, vocational rehabilitation counselors, nurses, physicians, social workers and speech therapists characterizes a polio clinic, where the patient is evaluated thoroughly and given the assurance that all aspects of his or her functional status are being addressed. Repetitive daily activities are identified and possibilities for their circumvention are discussed with the patients.

Education about the basics of the neuro-patho-physiology of the initial infection with the polio virus and of the causality chain that leads to secondary weakness is well received by the patient. Understanding the connection between repetitive work, exercise and resulting weakness, as explained by the physician, almost always leads to the patient's acceptance that a change in lifestyle is indicated.

Functional and strengthening exercise following the initial recuperation from the polio virus infection put many patients back on their feet and into the mainstream of life; but with PPPMA-associated weakness, strengthening exercises add only short-lived, if any, strength and endurance. More likely they will accelerate weakness and lessen endurance. However, the post-polio patient who for some reason had had to be recumbent and had developed secondary disuse atrophy will benefit from strength and endurance exercise programs up to the level determined by the limits of PPPMA-associated fatigue.

The author became involved with polio clinics four years ago and has found polio patients an extremely gratifying group to treat since they are highly motivated to maintain their functional independence as long as possible. Three post-polio support groups have been founded in North Carolina: The Eastern Carolina Post-Polio Support Group meets monthly in Greenville and currently serves residents of Pitt, Edgecombe, Martin, Bertie and Northampton counties; the Charlotte Area Post-Polio Support Group meets in Charlotte and serves polio survivors from Mecklenburg and nine surrounding counties; the newest group is the Triangle Area Post-Polio Support Group serving Wake, Durham, and Orange counties. Plans to organize groups in the Triad Area (Winston-Salem, Greensboro, High Point) are underway. Between November 1985, when the first North Carolina meeting of post-polio patients was held in Charlotte, and August 1986, 278 polio survivors and their families have contacted the Easter Seal Society office for information about post-polio support groups and post-polio clinics.

References

1. Bennett RL, Knowlton GC. Overwork weakness in partially denervated skeletal muscle. Clin Orthop 1958; 12:22-9.
2. Halstead LS, Rossi CD. New problems in old polio patients: results of a survey of 539 polio survivors. Orthopedics 1985; 8:845-50.
3. Dalakas M, Elder G, Hallett M, et al. A long-term follow-up study of patients with post-poliomyelitis neuromuscular symptoms. New Eng J Med 1986; 15:959-63.
4. Decades after polio epidemics, survivors report new symptoms. JAMA 1986; 3:1397-1404.
5. Gazette International Networking Institute (GINI), 4502 Maryland Avenue, St. Louis, MO 63108, (314) 361-0475.
6. Halstead LS, Wiechers DO. Late effects of poliomyelitis. Symposia foundation, 1985.
7. Laurie G, Maynard FM, Fischer DA, Raymond J. Handbook on the late effects of poliomyelitis for physicians and survivors.
8. Perry J, Flemming C. Polio: long-term problems. Orthopedics 1985; 8:877-81.
9. Proceedings of an international symposium: whatever happened to the polio patient. Session V: Premature aging problems of polio survivors, 155-97.
10. Bruno RL, Johnson JC, Bennan WS. Vasomotor abnormalities as post-polio sequelae: functional and clinical implications. Orthopedics 1985; 8:865-9.
11. Bruno RL, Myers SJ, Cote LJ. Abnormal vascular reflex activity in patients with reflex sympathetic dystrophy syndrome. Arch Phys Med Rehabil 1983; 64:412-6.
12. Herbison GJ, Jaweed MM, Ditunno JF. Clinical management of partially innervated muscle. Late effects of poliomyelitis. Symposia Foundation, 1985.
13. Wiechers DO. Late effects of poliomyelitis: case reports. Late Effects of Poliomyelitis. Symposia Foundation, 1985.
14. Wiechers DO. Acute and late effect of poliomyelitis on the motor unit as revealed by electromyography. Orthopedics 1985; 8:870-2.

Acknowledgement

Recognition should be given to Ann Williams, Program Specialist at Easter Seal Society, for helping in the organization of post-polio support groups.

Addendum

Since the writing of this article, Dalakas published his work indicating his weakness might be due not to the drop out of whole motor neurons but to the deterioration of individual nerve terminals. (Dalakas MC, Elder G, Hallett M, et al. A long term followup study of patients with post poliomyelitis neuromuscular symptoms. New Eng J Med 1986;15:959-63.)

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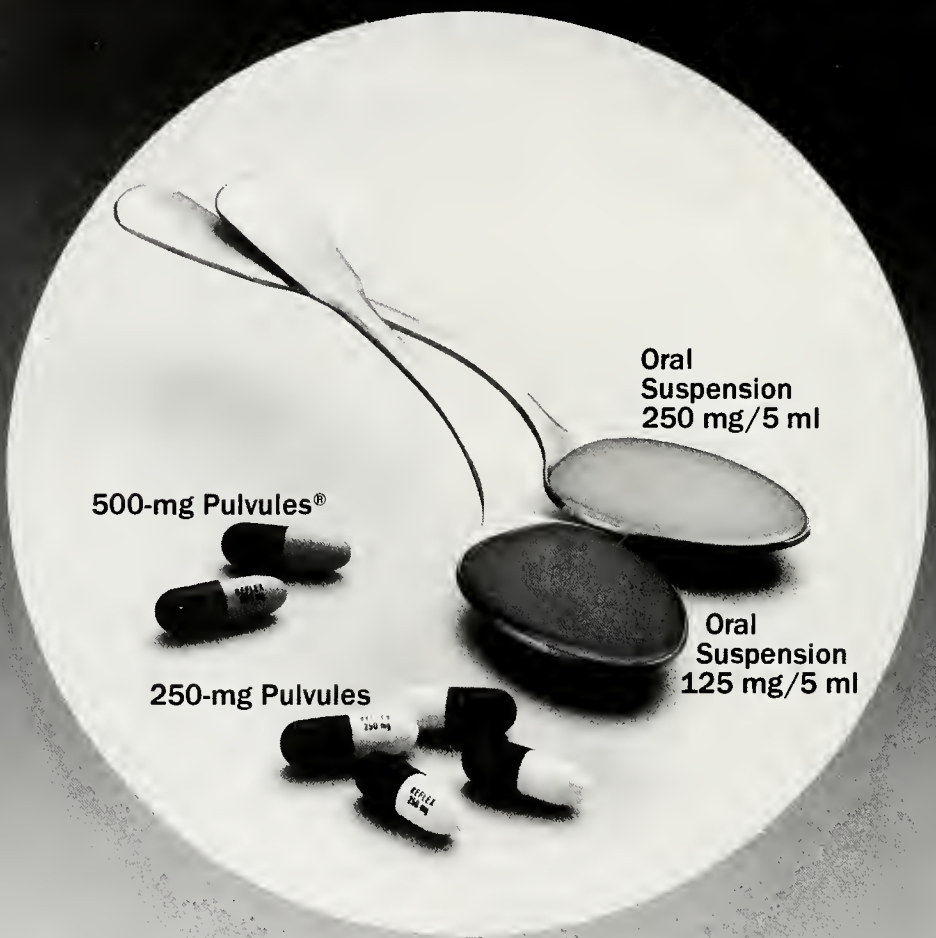
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SCIENTIFIC ARTICLE

Polyarticular Gout Induced by Probenecid Therapy

Nicholas A. Patrone, M.D.

A 62-year-old white male with a 15-year history of tophaceous gout was referred for evaluation of a severe flare of polyarticular gout. Over the first 14 years of his illness, he had had several intermittent flares of gouty monoarthritis; treatment had consisted of colchicine and indomethacin with excellent response.

Two years prior to this referral, his physician had attempted therapy with allopurinol, but had discontinued the medication after one month when the patient presented with an erythema multiform rash. Maintenance colchicine of .6 mg by mouth twice a day was instituted, with a marked decrease in the number of gout attacks.

Three weeks prior to my seeing him, the patient's colchicine was discontinued and probenecid 250 mg twice a day was instituted; his serum uric acid level at that time was 9.8 mg/dl with a serum creatinine of 1.1 mg/dl. One week later, he developed a severe flare of polyarthritis involving both first metatarsophalangeals, both knees, the left wrist, both elbows, and two of ten metacarpophalangeals and dorsal interphalangeals. The patient was admitted to Pitt County Memorial Hospital for evaluation. Rheumatological examination revealed severe inflammatory arthritis in the above-mentioned joints with hemorrhagic necrotic tissue overlying several tophi (figures 1a and 1b). A touch preparation of the chalky white exudate revealed crystals consistent with tophaceous sodium urate (figure 2); cultures were negative for pathogenic organisms. His serum uric acid level was 4.2 mg/dl. The patient was treated with ibuprofen 800 mg by mouth four times a day for five days with marked improvement of his symptoms. One week after admission, maintenance colchicine was reinstituted and the patient was discharged from the hospital.

From Department of Medicine and Pediatrics, Division of Rheumatology, East Carolina University, Greenville 27834.

Discussion

This case represents a well described, preventable but often ignored complication of hypouricemic therapy. Acute attacks of gouty arthritis may arise from either a rapid increase or decrease of serum uric acid. The rapid fluctuation of the level of uric acid may precipitate an attack of gout, whereas the absolute level of the serum uric acid is less often related to individual episodes of monoarthritis. The relationship between the fluctuating serum uric acid level and the mechanisms that induce the gouty flare are poorly understood.

Institution of a hypouricemic agent such as allopurinol or probenecid may in itself precipitate attacks of severe acute monarticular or polyarticular gout. This complication occurs in 10% to 20% of patients treated with probenecid[1] and is most easily prevented by the institution of low dose colchicine prior to initiating the hypouricemic therapy. Although no controlled studies are available, most rheumatologists would use low dose colchicine for two to three weeks prior to instituting allopurinol or probenecid therapy



Figure 1a/1b. *Intense inflammatory response with hemorrhagic necrosis overlying tophi.*

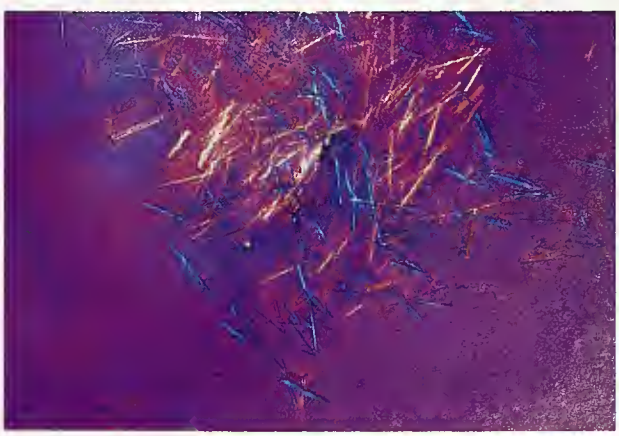


Figure 2. *A touch preparation of the exudate from the first metatarsophalangeal joint revealing strongly negative birefringent crystals (100x).*

and maintain colchicine therapy with the hypouricemic agent.

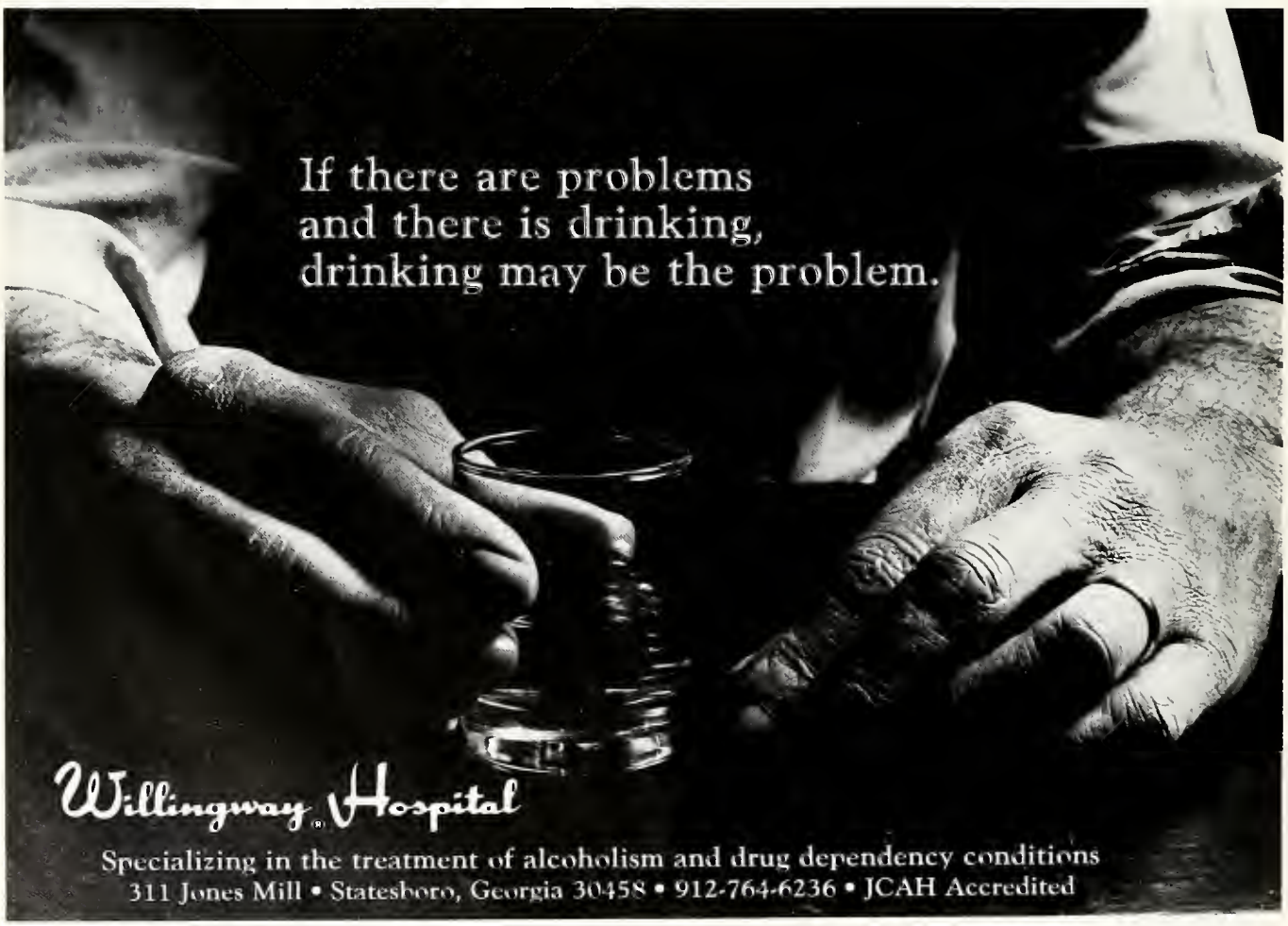
A study by Paulus confirmed the effectiveness of prophylactic colchicine after probenecid therapy had been instituted, but this study did not address use of colchicine to prevent hypouricemic therapy induced episodes of gout.[2] A combined preparation, Colbenemid, aids in patient compliance.

This patient's stormy course was probably precipitated by discontinuing the colchicine and instituting probenecid therapy alone. As the probenecid lowered the serum uric acid, the patient developed a severe attack of gout necessitating hospitalization. If the colchicine had not been discontinued, this patient might not have developed a gouty flare.

In summary, colchicine therapy should precede institution of hypouricemic agents for at least two to three weeks so as to prevent the complication of a drug-induced gouty flare.

References

1. Gutman AB. Treatment of primary gout: the present status. Arthritis Rheum 1965;8:911.
2. Paulus HE, Schlostein LH, Godfrey RG, et al. Prophylactic colchicine therapy of intercritical gout: a placebo controlled study of probenecid treated patients. Arthritis Rheum 1974;17:609-14.



A Proposal for Unions as a Device for the Defense of the American Medical Profession

Sanford A. Marcus, M.D.

START by answering two questions. Doctor, do you regard yourself as being better or worse off — measured by both your professional and your socioeconomic security — than you were five years ago? What changes in the direction of these factors over the next five years do you honestly expect to take place, given no dramatic alterations in the standard responses made by organized medicine to what is certainly the greatest set of challenges that have ever been hurled at the American medical profession?

This is neither the time nor the forum to look for what went wrong or to choose a scapegoat. It is my considered opinion that nothing went wrong at all; that we are simply the victims of our own successes in building the finest system of health care in the world.

It was only because of this success that venture-capitalist types perceived that there were fortunes to be made from the marketing of medical care; so all this cant about there being a "health care cost crisis" is simply a pretext to enable them to make their fortunes. After all, the spending of 10% of the gross national product on health care (most of this on hospitalization, housing, and warehousing of the infirm), at the same time that we are spending 16.3% of that same GNP on recreation and leisure in this country, scarcely constitutes a "crisis" by any reasonable criterion!

Couple this with a simultaneous desire on the part of politicians to weasel out of their promises of access to decent health care for the poor and the elderly and to instead allocate greater than half of our national budget to the payment for wars, past and future, and you have all the synopsis you need to figure out the plot.

The Takeover

As a necessary prelude to this corporate takeover by the so-called medical-industrial complex of what essentially has been a cottage industry that has always operated on a piecework basis, it has become necessary for this newly emerging managerial class to capture control of the medical profession; for while doctors themselves take home less than a nickel of each health care dollar, after subtracting overhead and taxes, at least until now they have had a strong influence in determining how the rest of those dollars were spent.

The ability to seize control over doctors was not easily won, given the esteem in which our profession has been held by the American public in past years. For that reason it has been deemed necessary that the attack be leveled against the very esteem itself, through an organized campaign of "doctor-bashing": doctors have been proclaimed too rich, uncaring, negligent, incompetent, unavailable, venal, lecherous and interested only in money; they don't make house calls, they commit malpractice, perform unnecessary surgery, and themselves constitute the greatest obstacles to decent patient care — et cetera ad nauseam.

Ignoring the fact that this social transformation is not simply a spontaneous revolution, as has been claimed, but rather represents an expression of someone else's envy of our status and their greed for the profits we can generate for them, it ill befits anyone who represents himself or herself as a medical leader to agree even to the *existence* of a "health care cost crisis" by taking part in seminars on cost-cutting. By virtue of one's very presence in such a forum one is compromised.

Given the fact that Wall Street is presently seething with multi-billion-dollar plans to capture our health care delivery system, we as doctors, who are the ultimate agents of delivery of that care, are compelled to take a long, hard look at the nature of the responses we have been making recently in behalf of our generally decent and dedicated profession. First of all, with such giant stakes being wagered, we only succeed in making ourselves look pathetic when we continue to clamber back up onto our crumbling pedestals, wrap ourselves in those same old tattered priestly robes, and try by virtue and moral suasion alone to repel all those financial Visigoths.

Neither can we hope to outbid Wall Street in a lobbying contest for the favor of legislators. With the fourth largest corporate merger in U. S. history having just been consummated between two of these medical marketing behemoths, it is not realistic to expect that doctors, who constitute only 0.3% of the country's population, can accumulate anywhere near the matching stakes that would enable them to continue playing in such a high-powered game.

Lawsuits against the clearly monopolistic abuses of these corporate enterprises, usually the first suggestion to be offered by physicians unschooled in such matters, are similarly doomed to failure.They usually end up dragging interminably through the courts, impoverishing their initiators and enriching only the two sets of contending attorneys.

The refusal of the United States Supreme Court to hear the case of the physicians of Massachusetts against the

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oppressive Blue Shield organization in that state suggests that the court system itself is less concerned with fair play than with the facilitation of whatever seems to be the prevailing socioeconomic trend of the moment. Furthermore, the governor of Massachusetts, prior to the Court's decision not to intervene, had indicated his intention to bypass the judicial system entirely by granting Blue Shield a special exclusion from the antitrust laws, thus enabling that organization to continue unopposed its practice of reducing the state's doctors to indentured servitude.

The clincher in the assessment of where we stand as a profession can be gleaned from the decision of that same Massachusetts legislature to withdraw entirely the right to practice medicine of any doctor who does not agree to treat Medicaid patients, regardless of whatever conditions might be imposed on such treatment!

The last shred of hope to which we physicians cling is that the vaunted loyalties of our individual patients, based on our long history of dedicated service to them, will somehow regain for us some respect for the autonomy and status we once held. It must now be proclaimed sadly that this emperor has no clothes either; that they are really no longer *our* patients at all. They now "belong," body and soul, to the various prepaid health plans to which they long ago yielded total responsibility for paying their health care bills. Authority must inexorably follow responsibility, and those plans will now be the *sole* determiners of the care that these patients receive. The concern of patients for us as "their" doctors will disappear in all but the nostalgic sense.

Speaking bluntly, the purpose of all of the foregoing is to impress American physicians with the shocking truth of their own total loss of power to influence either their professional or their socioeconomic lives. As a group that has not been obliged to deal in marketplace considerations or in the commodities of power that are traded there, we find ourselves confused, embarrassed, and pathetically rusty or even totally untrained in the skills necessary to cope effectively in such an unfamiliar environment.

A Doctors' Union and the AMA

One fact is self-evident: given the power and determination of the forces that are assailing us, the implements and bases of strength on which we relied during all those wonderful years when we really didn't *need* a defense organization are no longer able to serve us effectively. It is a source of great regret that when I first suggested to the leaders of the American Medical Association (AMA) in 1971 that they convert the AMA into the American Doctors' Union, it was regarded as a piece of impudence, totally unworthy of consideration.

"The AMA is not, and cannot be, a union!" was the editorialized party line at that time. That position was based on the antitrust laws as interpreted only by the AMA's attorneys, on the ethical considerations involved, on the unthinkability of doctors striking, and ultimately on the feeling that such a preposterous suggestion would tarnish such a proud professional image as ours.

Having dutifully accorded our own peer organization the courtesy of the prior right to consider such a proposal and having been duly rebuffed, we proceeded to form our own trade union for doctors, the Union of American Physicians and Dentists (UAPD). Our successes, and the course of American medical history since we first made the decision, have reinforced our conviction that only such an organization can mobilize the remaining sources of professional power that we need to defend ourselves and to protect our patients from any lowering of the quality of care they receive.

It is a cause of great sadness to us that during these intervening years the AMA has chosen to regard us as upstarts and interlopers who seek to replace them, and has repeatedly accused us of divisiveness. For our part, we have actively encouraged our Union membership to continue to support the AMA and its local divisions, recognizing, as we must, that to do less *would* clearly be divisive, and that the AMA has a pivotal role to play in the realpolitik of American medicine as it is unfolding. More about that role later.

As to that accusation of "divisiveness," we believe fervently in the principle that all doctors must "remain under one umbrella," and we regard ourselves as being no more divisive in relation to the AMA than is the specialty of neurosurgery, for example, in relation to primary care practitioners. The specialized type of negotiation required under the rigid guidelines of the labor laws simply cannot be tacked on to an already "jack-of-all-trades" AMA without damaging the effectiveness of those tasks it does perform competently. Not only is such specialization not divisive; it frees our profession from the legal bonds that render collective negotiating by the AMA *as it is presently constituted* highly illegal!

The Essential Role of the AMA

We are realists enough to recognize that American doctors have enough adversaries outside the profession that we do not need to be creating them from among our own colleagues. At the same time it must be agreed that there is more than one road to salvation, and that the course followed by the older, larger, and better-known group that purports to speak for American medicine — the AMA — has not been effective either in arresting or even in significantly slowing the downward curve in the fortunes of our profession. Our original proposal to them was not and is not that the AMA be replaced by the Union, but that it adapt itself to the reality of today's assaults against us by restricting its activities to the job it has always done better than anyone else: establishing, supporting, and defending the highest standards of medical care.

Every doctor owes a tremendous debt to the AMA for this role; ours are the highest standards attained anywhere in the world. Because of this alone, most of us have enjoyed until recently what must fairly be called the "Golden Age" of American medicine. THIS IS THE EXCLUSIVE FUNCTION THAT THE AMA MUST CONTINUE TO PERFORM; NOT ONLY TO MAINTAIN THE HIGHEST STANDARDS OF CARE BUT TO PROCLAIM THAT SUCH CARE MUST NOT BE DENIED TO ANYONE ON THE BASIS OF AGE, INABILITY TO PAY, OR ANY OTHER CRITERION — THAT THE DELIVERY OF MEDICAL CARE MUST RESPOND TO NO OTHER CRITERION THAN MEDICAL NECESSITY!

The AMA, then, should be the Supreme Court of medicine, totally unyielding and uncompromising in the defense of its standards. With the assumption of that role, it should forthwith withdraw from all of its other conflicting interests that have brought it into embarrassingly close relationships with the hospital and health insurance industries and with government, and which have become increasingly inappropriate activities for an organization that collects dues for the representation of its member doctors while all of these other entities are asserting their right to subjugate our profession.

The AMA is correct in asserting that it cannot be a union *in its present form*, for to engage in socioeconomic activities in addition to its other functions would put it on a collision course with the antitrust laws, as it has learned repeatedly and painfully. Under United States law, associations constituted primarily for professional purposes are clearly prohibited from venturing into the area of collective negotiation on economic issues; and especially so when their leaders not infrequently hold positions of potential conflict — in this case, management positions in insurance companies, health maintenance organizations, preferred provider organizations, foundations for medical care, and schools of medicine.

This is not a problem in most other countries, Great Britain and the Scandinavian countries among them. It is perfectly permissible, for example, for the British Medical Association to be a registered trade union with Her Majesty's government while continuing to perform the professional, scientific, and educational tasks it has always done so well.

On the other hand, trade unions in the United States must restrict their activities to the socioeconomic representation of their members, and all dues that are collected ultimately are spent on that function alone. What is not widely known is that a registered union *must* represent its members to the best of its ability, and that "failure to represent" is not only a cardinal offense for a union, but can constitute grounds for decertification or even subsequent tort action by the wronged member. A professional association has no such obligation.

A major stumbling block in our attempt to persuade the AMA of the merits of unionism for doctors is the opinion they have received repeatedly from their attorneys that "self-employed" or "independently contracting" physicians cannot legally engage in collective bargaining. At this point we must take issue, not with that opinion alone — for it is only an opinion — but with the way the AMA chooses its attorneys.

Management Orientation

Remember, for most of the 137 years that the AMA has been in existence doctors have been entrepreneurs and small business owners. Doctors have always prided themselves on being their own bosses, and this led inexorably to their assuming attitudes that were more appropriate to management than to workers. This was reinforced in recent years when they became able to incorporate their practices, and it is generally apparent that doctors have sought their social niches and relationships from among that same managerial class with which they identified themselves so closely. It is understandable, then, that they should select the attorneys who advise them from only those firms with strong management orientation.

It is unfortunate that physicians as a group tend to view the law with abject reverence, as though it were etched in granite. Attorneys, on the other hand, know that the law is like a constantly changing organism, adapting itself to changing social mores and pressures. For virtually every law there can be advanced a pair of widely divergent opinions.

For that reason, while we respect the professionalism of the AMA attorneys who issued their White Paper on unionism, it must be pointed out that theirs is clearly a management-oriented viewpoint which chooses only those interpretations that are hostile to any other view. Using many of the same case citations, our own attorneys have reached almost diametrically opposite findings simply because they have chosen those interpretations that have been successful in the courts on behalf of employees as opposed to employers.

We can cite ad infinitum such examples as professional baseball and football players, journeymen barbers, musicians, motion picture actors and directors, owner-operators of teamster trucks, and a host of others, none of whom are any more "salaried" workers than we are, but who have been granted the legal right to form unions of their own, to engage in true collective bargaining on economic issues, and, most important, to enjoy the applicable exclusions from the antitrust laws that are uniquely granted to bona fide trade unions and withheld from professional associations. It is amusing that the motion picture producers, hardly an economically downtrodden or impoverished group, have formed their own trade union under the Teamsters, of all things!

Certainly the degree of control over every aspect of our professional lives that is being asserted by our own new paymasters is, if anything, greater than that exerted over most of the groups listed above. Ultimately it is the power to hire and fire that establishes the role of the employer, and the prospect of being on the employee end of this power is drawing dangerously close for us doctors. With over 2,000 British physicians presently on the welfare rolls, it should no longer be shocking to any of us that the prospect of unemployment for considerable numbers of American physicians is also very real.

Two Agencies for Doctors

It is our proposal that American doctors look for their future representation to *two* specialized and separate agencies, supporting both with their dues and reaping the benefits of membership in two quite different ways. The AMA must be the standard-setting entity, never compromising the highest standards of care that have evolved in this country. Remember, there will be a constant effort on the part of the new management that will control us to cheapen and lower the denominator of that care. The AMA, then, must serve only as the defender of our professionalism, defined as our right to be the best doctors we can be, limited only by our expertise.

It is the Union that must handle those economic issues that are strictly off limits to the AMA as presently con-

stituted, although our Union has also established ample legal precedent that the issues of quality-of-care are indeed proper subjects for inclusion in the negotiating agenda. In this way, the Union works constantly to protect our right to be the best doctors we can be in the unhindered exercise of our professional judgment.

Of necessity, the two organizations must remain completely separate, without any interlocking directorates or pooled funds. This is essential in order that there be no possibility of a "piercing of the veil" of antitrust protection based on the contention that separation was a sham to enable us to evade the law. Membership in both organizations, however, would appear to be of great advantage to all doctors, for it would give them, in effect, the best of both worlds: a strong and legally effective socioeconomic arm, and a professional association that had become totally effective and believable simply from having divested itself of those activities that had clearly become conflicts of interest.

It is further suggested that the AMA henceforth be a professional organization that is run only by and for doctors of medicine as opposed to having its policies determined by lay executives. Present reality decrees that the AMA can no longer continue the practice of annual rotation of its officers, leaving only lay employees to hold firmly the keys of continuity and consequently easing these employees' way over that forbidden line into the setting of policy. Doctors should be the only persons to set AMA policy.

The Association also should cease to consider itself a fraternal organization — or worse, a good ol' boy network — part of whose purpose is to place its departing leaders in cushy jobs with insurance companies or hospitals from which they can assert managerial authority over their former colleagues.

It is a necessary corollary that medical leaders of each of the two organizations should not be selected only from among those who have become so independent financially that they can afford the luxury of absenting themselves from their practices to engage in medical organizational activities. Such security breeds smugness and possibly even a drift toward management viewpoints. The doctor-leaders of the AMA and of the Union should be paid for their services to the profession, so that there can be proper representation from among the young of both sexes and all races who will become the physicians of the future and who should have a strong early input into the determination of what that future will be like.

As America drifts away from a manufacturing economy toward one oriented to the provision of services, the character of its organized labor force is also changing drastically. While a fall in the numerical strength of organized labor has been widely advertised, it reflects primarily the drop in these blue-collar jobs. Meanwhile, the so-called white-collar unions have been prospering, and I can report to you that our Union of American Physicians and Dentists is presently being wooed actively by no less than six such major union groups.

With unemployment becoming a real consideration for the future of some American doctors, it is not unlikely that desperation may force some of them to affiliate with such unlikely groups as auto workers, building service employees, school teachers, government employees, office workers, and unspecialized unions representing all types of hospital and health care workers — "wall-to-wall" unions in which the unique needs and concerns of doctors would be totally submerged among huge groups of unrelated workers who readily can outvote them. While we feel a real sense of solidarity with all members of the labor force in the need for fair treatment, such an inappropriate intermixture of the personalized doctor-patient relationship with that broad range of general needs would certainly be counterproductive.

For that reason the AMA should give active consideration *at this moment* to our proposal that it encourage the continued growth of an autonomous union comprised only of doctors, the alternative being the ultimate bleeding-away of AMA strength to broadly-based and non-medical trade unions, simply because the growing desperation of American doctors might compel them to believe that they could gain thereby a degree of socioeconomic clout that has not been forthcoming from the AMA to date.

The Respective Concerns of the Two Agencies

What are, or should be, the interests of the various parties involved? From the standpoint of the doctors of the United States the sole concern must be that they be represented most effectively, both in terms of their professional well-being and in terms of their economic well-being, by what are decreed by established principles of good management to be this separation and specialization of function.

The Union is adamant that it is not inappropriate to insist that a medical organization establish as its *primary* concern the effective representation of the members who support it with their dues. The casual drift into relationships with the hospital industry, through the Joint Commission on Accreditation of Hospitals, for example, must be terminated forthwith, as the hospitals have made no secret of their hope to survive economically by tapping into the earning potential of their doctors through various overt or thinly-veiled contracting or joint-venture proposals that are actually employment arrangements.

Similarly, while long ago it might have been deemed proper for the medical profession to involve itself in the administration of the health insurance industry (Blue Shield once proudly advertised itself as "The Doctors' Own Plan"), the present hostile posture of Blue Shield and most other vendors of health insurance in dealing with physicians makes it unthinkable that a physician could any longer occupy a directorate in such an organization, much less participate in organizational conclaves with such firms, without the protection of the labor laws firmly in place for themselves and those they purport to represent. To continue such blind trust and cooperation with such an avowed adversary constitutes, in labor parlance, a "sweetheart" deal, which is considered a cardinal sin against the interests of one's fellow workers.

The disturbing inclination of more than a few present and past medical leaders to participate in the administration of such plans as health maintenance organizations, preferred provider organizations, and independent practice associations *for their own monetary gain* must also be

recognized and condemned by the profession. While it is the prerogative of anyone in a free society to cross over the line that separates workers from management, this particular crossing constitutes a clear and total impropriety, for such doctors may exploit the positions of confidence they have been given by their fellow doctors, purporting to continue to speak for them and to identify them as "peers" and "colleagues."

The AMA should launch an immediate and detailed examination of its own future function, as expressed through its own constitution and bylaws. Much of the present verbiage should be stripped away as the organization undertakes the process of converting itself into an assemblage of the outstanding medical scholars, researchers, academicians, and practitioners in the country. Because the AMA must henceforth be the Supreme Court of Medical Quality, these men and women should be selected as much for their integrity and toughness as for their clinical or academic reputations. Their unquestioned professional standing would establish that it is they to whom all doctors can look to establish and defend the definition of medical excellence.

What does the Union want for itself? Primarily we seek general recognition that the devices of the past are no longer applicable to the task of facing and overcoming the massive economic force that has been mustered against us, and that only the protection of the labor laws can afford us any semblance of equality and fair treatment at the negotiating tables where we will be obliged to represent our profession.

Titles, personal acclaim, and certainly the power to control the lives of others play no part in our motivation, and we have structured our organization, insofar as it is possible, to negate such superficial trappings that seem to have assumed much importance in other organizations. We have developed a highly-skilled cadre of experienced labor organizers and labor-oriented legal staff, always with the clear prior understanding that they have the responsibility of implementing only what our all-doctor board sets as policy, and not of setting policy themselves.

What we do covet from the AMA are some of its outstanding spokespersons and political leaders, commodities that always seem to be in short supply in an emerging organization. We believe that many of these proven leaders become "burned out" under existing conditions, simply because they have not been allowed the freedom to operate under the protection of the labor laws, and thus to be able to represent the profession effectively. The frustrations of having a clear recognition of what needs to be done, yet of being hamstrung by the legal inability of a professional association to negotiate effectively, are problems that these leaders would be far less likely to encounter in a union setting.

While we hope and expect that all doctors will belong to both organizations, by law there must be no sharing of officerships or intermixing of funds between the two organizations. Perhaps to the sadness of some, there will be no place in either group for the "good ol' boy" network that has customarily provided spokesmen for our profession simply because of their unique ability to sit patiently through interminable county and state medical society meetings on their way to higher office.

As a combat-oriented organization, we expect hard work, dedication, vigor, and determination from our leaders. Because young doctors will be obliged to cope for many more years with the profession that emerges from today's radical transformations in medical practice, we expect that many of these young doctors will step forward and volunteer such leadership.

A Final Word

This concludes what constitutes our scenario for the preservation of the dignity and professionalism of doctors in the United States, one that would enable them to be the best doctors they can be for their patients and to retain the strong motivation of pride in what they do. To do nothing, acquiescing before each new onslaught, is to assure the degradation of tomorrow's medical care, based on the substitution of corporate profits for medical dedication.

When the academic excellence of the students from whom tomorrow's doctors will be drawn falls to the level of that of today's new school teachers, based on this reduction of medicine to its lowest common denominator, the ultimate tragedy of what is happening will become apparent to all concerned. On that day we will be obliged to "reinvent the wheel," struggling to reestablish a decent quality of medical care in America, assuming we do nothing between now and then but cling passively to the status quo.

Personal aggrandizement, prior territoriality, or who gets to carry the flag in the Fourth of July parade are considerations of no magnitude compared to the present social transformation of American medicine. The ideas presented in this paper are part of a sincere and hopeful attempt to solve a monumental series of problems through the establishment of new mechanisms and courses of action that can only redound to the advantage of the profession of which we are all tremendously proud to be members.

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Legal Background for a Proposal for Doctors' Unions

Richard G. McCracken

• *This is a companion piece to the preceding article by Dr. Marcus. Not wanting to chance misinterpretation of legal terminology and phraseology, we present it unedited.*

DEAR Dr. Marcus:

You have asked us to set forth in writing an outline of our views on the major legal issues pertaining to unions of physicians and dentists. This we have done in the following pages; in consultation with the General Counsel of the Union of American Physicians and Dentists (UAPD), Wendy Ball McKenna. It may be somewhat unexpected that we begin this overview with a general discussion of the structure of labor unions. We believe it is essential, however, to understand the specific legal form of an organization, and the range of variation within that form, before any cogent analysis of other legal issues affecting it can be undertaken.

We find all too often that such an understanding is absent from most treatments of this subject. Almost universally, a stereotypic and shallow model of how a union is organized and how it operates is assumed. This often has the effect of enabling the writer more easily to reach a negative conclusion about medical unionism.

Labor Union Structure

There are unions whose membership is composed in all but an insignificant fraction of employees classified as supervisors under the National Labor Relations Act, yet these unions have active and long-standing bargaining relationships with employers. Examples include the Masters Mates and Pilots (where AFL-CIO President Lane Kirkland's membership was) and the Marine Engineers Beneficial Association. There are yet other unions whose members must be classified as independent business entities — and some of them not so small, either. These include the Screen Actors Guild, the Screen Writers Guild and the Screen Directors Guild. Sports unions might also be included in this group, due to the high compensation of many of their members, their ability to choose employers, and the fact that what is being sold is their services rather than some other product. Of course, all of these unions have well-publicized collective bargaining relationships with employers. Distinctions between them and doctors in private practice are very refined to say the least, in terms of economic reality.

In addition to flexibility in structure and composition, American labor unions have been exceedingly inventive and adaptable in devising tactics to further their ends. The popular view that unions resort to strikes to settle all differences is a distortion based upon what the media consider newsworthy. In fact, the vast majority of all labor contract negotiations are settled without strikes. Despite impressions which may be gained from the news media, work stoppages in 1985 as a proportion of time worked amounted to only 0.0003.[1] While certainly the threat of a strike may have been an inducement in these settlements, it is too facile to assume that labor negotiations are nothing but power plays — or that the threat of a work stoppage is the only source of power a union has. One of a union's principal means of achieving its goals is *persuasion*: persuasion that a proposal will make people more contented and productive, or administration more efficient.

Persuasion is used in many other circumstances, as well. It is used in appeals to customers or companies to register their displeasure with a company with which the union has a dispute. It is used in lobbying and litigation, two very important aspects of every union's program to accomplish its objectives. Unions also have influenced opinion by means of advertising and other publicity, rallies, demonstrations, parades, handbilling and leafletting and such.

It is almost an article of faith with many unions that striking is a tactic of last resort, because of the risks that it always involves. The other tactics outlined above often require a greater degree of organization and effort, but entail less risk. They also have the distinct advantage, which is at least equally true for a doctors union, of being wholly or largely protected constitutionally.

All too frequently, the subject of a doctors union has been addressed on the basis of assumptions about what a union in America is and how it operates that are drawn from the popular media rather than study or first-hand knowledge. The model of a labor union which is often used as the foil for negative discussions about a doctors union is no better than a cartoon. It is hoped that the brief, foregoing description of the diversity, flexibility and adaptability of unions will put the question in the proper per-

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spective, which is not whether a doctors union can exist and can do anything, but rather given that it can and does exist, which of the many tactics available to them should be used to accomplish what doctors desire, and how. It is too late in the day, and the needs of doctors are too pressing, for an academic but unscholarly debate.

Antitrust Regulation of Concerted Action by the "Learned Professions"

It was once thought that the "learned professions" were exempt from the antitrust laws. Long ago, however, the AMA found out differently when it was held guilty of violating the antitrust laws for organizing a boycott against a group health plan.[2] In the ensuing years, the United States Supreme Court has made it clear that the professions are not entitled to engage in schemes to affect prices for their services, whether these be out-right price fixing,[3] setting maximum fee schedules,[4] adhering to a rule prohibiting discussion of fees until after the customer is committed to use the professional's services,[5] or concertedly refusing to supply x-rays to a dental insurer where the motive is to put economic pressure on the insurer.[6] In all this work, however, the Supreme Court has repeatedly referred to the fact that the professions, which answer to other imperatives in addition to the profit motive, may be accorded different treatment than purely commercial enterprises, when the proper circumstances arise.[7]

The UAPD is not only watching this development very carefully, but is also projecting new tactics which may be considered in the light of what the Supreme Court decides.[8] Successful unions do as much as they can within the confines of the law, which is always changing.[9] They are always alert for openings in the law, whether new or just newly discovered, that provide additional tactical opportunities. The UAPD is among these, and intends to continue to be.

Labor Exemption from Antitrust Laws

The "labor exemption" from the antitrust laws is derived from both the provisions of the antitrust laws themselves, and from statutes relating to labor relations. The exemption has two branches, one founded upon express exemptions contained in the antitrust and labor laws, and the other based upon an accommodation of the policies underlying the labor relations statutes with the sometimes conflicting goals of the antitrust laws. Importantly, the "labor exemption" is not absolute, no matter what union is involved. Unions of all types in the United States have been subject to antitrust scrutiny and liability. The strategy of labor organizations and their advisors has been to accomplish their objectives as much as possible while constantly observing the limitations placed upon their actions by antitrust law.

1. Statutory branch of the labor exemption. The original federal antitrust law was the Sherman Act, passed in 1890.[10] Its essential thrust was to prohibit unreasonable restraints of trade. Although it was argued that labor is not "trade," many courts applied the Sherman Act to the activities of labor unions.[11] In some cases, the very existence of a union was deemed an antitrust violation.[12]

Congress soon acted to rectify this situation. In 1914, the Clayton Act was passed. The Clayton Act contains specific provisions addressing the judiciary's reactionary application of the Sherman Act to unions. Section 6[13] of the Clayton Act provides:

> The labor of a human being is not a commodity or article of commerce. Nothing contained in the antitrust laws shall be construed to forbid the existence and operation of labor, agricultural, or horticultural organizations, instituted for the purposes of mutual help, and not having capital stock or conducted for profit, or to forbid or restrain individual members of such organizations from lawfully carrying out the legitimate objects thereof; nor shall such organizations, or the members thereof, be held or construed to be illegal combinations or conspiracies in restraint of trade, under the antitrust laws.

Section 20[14] prohibited the federal courts from continuing their practice of enjoining collective action by members of labor unions, on restraint of trade grounds. In any dispute "between an employer and employees, or between employers and employees, or between employees, or between persons employed and a person seeking employment, involving, or growing out of, a dispute concerning terms or conditions of employment," unions were freed to engage in concerted activity including striking, boycotting, picketing, demonstrating and the like.

The federal judiciary of the day was, however, prone to circumvent congressional action which infringed arch-conservative values. In the two decades following the passage of the Clayton Act, the United States Supreme Court continued to apply antitrust law to the activities of labor unions,[15] especially in the area of secondary boycotts.[16] Congress responded again, with the passage of the Norris-LaGuardia Act.[17] The Norris-LaGuardia Act was in essence a long elaboration of Section 20 of the Clayton Act. Again, injunctions against labor union tactics were prohibited, but this time in the most explicit and particular terms. In addition, the Norris-LaGuardia Act expanded the scope of protection, by extending it to include actions in which the disputants do *not* stand in the proximate relationship of employer and employee.[18]

With the passage of Norris-LaGuardia, the authority for the statutory labor exemption from antitrust laws was in place. Congress has not subsequently found it necessary to go further. It is worth observing that this entire development took place before the passage of the National Labor Relations Act (NLRA) in 1935.[19] It is abundantly clear that the statutory labor exemption is entirely independent of the NLRA. Coverage by the NLRA has little or no bearing on the applicability of the statutory exemption.

2. Non-statutory exemption. The non-statutory exemption has been fashioned out of an accommodation of labor policy and antitrust policy, which are often found to be on a collision course.[20] The statutory exemption protects unilateral labor union activity. As noted above, this includes such things as strikes, boycotts, picketing, demonstrations, rallies, parades and other means of persuasion. They are unilateral in the sense that they are undertaken

by union members and supporters without agreement with business organizations such as employers. With the passage of the National Labor Relations Act in 1935, sanction was given to collective bargaining. Indeed collective bargaining was a cornerstone of New Deal economic policy. The natural end of collective bargaining, of course, is reaching a collective agreement with the employing business organization.[21] It was the intent of Congress that the creation of the collective bargaining mechanism would reduce labor strife which interfered with the free flow of commerce. It was also the plan that the mechanism would stabilize or increase wages, thereby increasing workers' purchasing power and providing a stimulant to the depressed economy.

The clear implication of such policy is to eliminate competition among those who labor for a living. This goes beyond the employees of a single employer. A dominant method of collective bargaining has been multi-employer bargaining, in which several (or many) employers bargain together with the unions representing their employees to reach common agreements on wages, hours and other terms and conditions of employment. The effect is obviously to stabilize wages across an entire industry, and to eliminate the cost of services by human beings as a factor of competition.[22] This is of course consistent with not only the National Labor Relations Act, but the purposes expressed by Congress in the Clayton Act as well. Just as plainly, this constitutes an incursion into the theoretically pure competitive domain of antitrust regulation. Hence, the federal courts have struggled with the accommodation of the apparently competing policies.[23]

The accommodation has not been easy. The effort in the Supreme Court has produced several cases in which the Court was unable to marshal a majority for any point of view. The uncertainty is a thing with which all labor organizations in the United States live on a daily basis. They have a considerable degree of protection, but it is not unlimited nor even clearly defined.

It can be said, however, that as a general matter any agreement in the collective bargaining context that covers wages, hours or other terms and conditions of employment is exempt from antitrust regulation.[24] On the other hand, as a general matter *prices* are not a legitimate subject for collective bargaining, and agreements to regulate prices even when reached through collective bargaining are illegally in restraint of trade.[25] Also, if unions combine with employers to exclude competitors from the market, they are not protected by the antitrust exemption.[26]

It should be clear from this review that the hypothesis that unions composed of "common-law"[27] employees may combine together to tamper with the price mechanism or exclude competitors from the marketplace while unions composed of physicians cannot, is not true. No union, regardless of its composition, may do these things, as a general rule. Indeed, the exception from the general rule is one which applies specifically to labor organizations with mixed memberships including both independent contractors and employees.

The United States Supreme Court has held that where independent contractors, which are in themselves separate business entities, are in direct competition with "common-law" employees, unions may engage in regulation of the prices paid for the work of such contractors. This has been held in two specific applications. In the first, the Teamsters Union reached agreement with trucking companies on the amounts the companies would pay to "owner-operator" truck drivers who owned their equipment and leased it to the trucking companies along with their services (and sometimes, the services of the owner-operators' own employees). Because the owner-operators themselves were drivers, and thus were performing services in direct competition with the union's common-law employee members, it was held that this regulation of prices was legal.[28] The second case involved musicians. The Musicians Union regulated the prices charged by band leaders for the services of their bands. The Court held this was legal. It focused on the fact that the band leaders, although they were employers and businessmen while acting in that capacity, usually performed with their employees in such engagements, and thus were working with the "tools of the trade." Furthermore, it was common for musicians to move back and forth in status from employee to employer.[29] In another case based upon very similar reasoning, the California Supreme Court held that the Barbers Union could legally control the prices charged to customers by employers and sole proprietors of barber shops, who work with the tools of the trade and thus in competition with common-law employee members of the union.[30]

This line of cases has a very important role to play in the future of medical unionism. While the activities of unions composed entirely of independent businessmen, even though cloaked as unionism, have not received warm judicial reception under the antitrust laws,[31] the activities of unions with mixed employee and non-employee membership have fared much better. The current trend in the development of the medical profession is very decidedly against the dominance of private individual or small-group practice as the model of organization. Instead, a quickly-increasing percentage of physicians completing their training are going to work for various institutions, including private employers, as employees. There is also a growing recognition of the status of many hospital contract physicians as employees, albeit often highly paid and privileged. Many of the elements of control needed to establish the existence of a common-law employer-employee relationship are present in such situations.[32] It has been argued with great force that these changes are not temporary, but are the result of unstoppable forces for change in the structure of the health care industry.[33] A doctors union can currently make considerable use of the statutory labor exemption from antitrust regulation; it can also presently make use of the non-statutory exemption, with the use certain to expand with structural changes in the profession in the future. The UAPD's sound strategy is to develop its organization now, and to perfect such tactics as are legally available to it, adding new ones as the legal climate constantly changes in the direction of greater latitude for its endeavors.

First Amendment Protection

The federal antitrust laws cannot *constitutionally* reach all conduct which is in restraint of trade. The Supreme

Court has recognized that the First Amendment rights of free speech and assembly, and the right to petition the government, impose limitations on antitrust regulation which may not be abridged.[34] Thus, a large number of traditional trade union actions are protected from antitrust scrutiny under First Amendment law as it has emerged. These include such things as lawsuits, lobbying, demonstrations, picketing of government, parades, and much more. It is to be stressed that this constitutional protection extends to all persons, including the largest business organizations.[35] It does not depend upon coverage by the National Labor Relations Act, the existence of an employer-employee relationship, or anything of the sort.

State Action Protection

Activity otherwise prohibited by federal antitrust law, which is undertaken under the auspices of state action, is given antitrust immunity.[36] For "state action" to be found, the action must be either taken by the state legislature or its supreme judicial body, or by administrative agencies or lower courts acting in accordance with policies set by the legislature or the supreme court.[37] It is not necessary that activity by private parties which would otherwise be an unreasonable restraint of trade *be compelled* by state action, in order to be protected. It is enough that the private activity is authorized by state policy.[38] In addition, the private activity must be "actively supervised" by an arm of the state.[39]

Many industries have made use of this doctrine. For instance, in *Parker v. Brown* itself, the programs of the State of California whereby agricultural producers restrict production in order to support prices were approved by the United States Supreme Court. The medical and dental professions can make use of this doctrine, as well. A good example is the recent passage of a new California statute, AB 707, which makes provision for the establishment of "efficient sized bargaining units" of providers to negotiate fair contracts with third party payers. This statute also expressly declares the State's intention to exempt such negotiations from both state and federal antitrust law. The UAPD was heavily involved in the passage of this bill, which in turn gives it a much wider area for outright collective bargaining even by independent and group private practitioners. The justification for passage of such legislation is, of course, recognition of the disparate bargaining power of the large corporations now playing a prominent role in the health care industry, on the one hand, and the small (as businesses go) and disorganized providers on the other.

NLRA and Doctors' Union

As pointed out above, many of the federal laws guaranteeing the rights of labor pre-date the passage of the National Labor Relations Act. Many of these rights are indeed derived ultimately from the Constitution. It is also true that many workers are not covered by the National Labor Relations Act. For instance, those employed in the railroad industry, the airline industry and all public employees (except those of the United States Postal Service) are excluded from coverage.[40] Also excluded are agricultural employees,[41] and employees of small employers who do not meet the National Labor Relations Board's financial standards for jurisdiction.[42] It is clear, therefore, that coverage by the NLRA is not a *sine qua non* to the existence of a union, or to its ability to avail itself of other laws, including the labor antitrust exemption.[43]

Coverage by the National Labor Relations Act is not necessarily helpful. Many in the American labor movement regard it as a liability, not only because the National Labor Relations Board restrictively interprets the law, but even more importantly because the Board's administrative processes are intolerably slow and the Board does not exercise the power to seek injunctive relief which Congress granted it.[44] Many unions presently are seeking methods of operation that do not involve any significant reliance on the National Labor Relations Act.[45]

In large part, this is a return to tradition. Most of the substantial union organizing in this century has been accomplished without much aid from the National Labor Relations Board. Virtually all organization that has occurred in the printing trades, the construction trades, trucking, the service industries and the maritime trades has taken place without assistance from the NLRB, and sometimes in spite of its restrictive rules on union tactics.[46]

Nevertheless, the National Labor Relations Board can be useful in certain circumstances, and if not too much is expected from it. Contrary to some misimpressions that have been spread, physicians and dentists can be covered by the NLRA. At the present time, most private practitioners in either independent or group practice are not "employees" within the meaning of the NLRA. This situation is rapidly changing, however, as many more physicians and dentists become outright employees of hospitals and HMOs. Even as this occurs, however, such employee doctors may not always be covered by the NLRA. If the employer is too small to meet the Board's jurisdictional standards, the employee will not be covered. Moreover, physicians may in certain circumstances be viewed as "managerial" employees, who are also not covered by the National Labor Relations Act.[47] There is no fixed rule whether physicians and dentists are managerial employees. This is decided strictly on a case-by-case basis.[48] Managerial employees are defined as those who "formulate and effectuate management policies by expressing and making operative the decisions of their employer."[49] An employee is managerial "only if he represents management interest by taking or recommending discretionary actions that effectively control or implement employer policy."[50] Frequently, employed doctors will not meet these tests, and will receive the benefits of coverage under the National Labor Relations Act.[51] In addition to the National Labor Relations Act, doctors employed by governmental units may be entitled to organize, and engage in other activities for their mutual aid and protection. For instance, the UAPD currently represents units of doctors employed by state and county governments in California.[52]

In situations where officially-sanctioned collective bargaining for physicians and dentists exists, the collective bargaining relationships are the same as for any other group of employees, except that the subject matter is somewhat different. It is obvious that a doctors union can and does function effectively in this setting. This should not obscure

the fact, however, that federal and state labor relations acts are only one small corner of labor relations in general, and that coverage by these acts is by no means a precondition to effective organizing and action, as unions have demonstrated historically.

Conclusion

Unions composed of physicians and dentists who work at the profession, even those in private practice, are not illegal in themselves, nor is membership in them a violation of any law. Like unions in any industry in the United States, doctors unions are subject to restrictions, including those imposed by the antitrust laws, on the sorts of tactics they may use. In many respects, these restrictions are not significantly different for doctors unions than for other unions, although there are special characteristics which must be understood. There are many potent, legal measures which doctors may take collectively in their interest and that of their patients. Most of these measures are tremendously under-utilized at present. When medical unionism is looked at from the standpoint of what it can do, rather than what it cannot, it is seen that this variety of unionism is not only legal, but can be very effective as well.

References

1. USDL 86-74, Bureau of Labor Statistics, United States Department of Labor.
2. American Medical Association v. United States, 317 U.S. 519 (1943).
3. Goldfarb v. Virginia State Bar, 421 U.S. 773 (1975).
4. Arizona v. Maricopa County Medical Society, 457 U.S. 332 (1982).
5. National Society of Professional Engineers v. United States, 435 U.S. 679 (1978).
6. Federal Trade Commission v. Indiana Federation of Dentists, 54 USLW 4531 (1986).
7. Mariposa, supra; Professional Engineers, supra at p. 696; Goldfarb, supra at pp. 788-9.
8. Even apparently adverse decisions always provide guidelines which themselves suggest new tactical opportunities.
9. Indeed, the rules established by the National Labor Relations Board is one of the most notoriously changeable bodies of law in the country, usually varying with the political party in power.
10. 15 U.S.C. Sections 1-7.
11. See, e.g., Loewe v. Lawlor, 208 U.S. 274 (1908).
12. United States v. Debs, 64 Fed. 724 (CA7 1894).
13. 15 U.S.C. Section 17.
14. 29 U.S.C. Section 52.
15. Bedford Cut Stone Co. v. Journeyman Stone Cutters Assn., 274 U.S. 37 (1926).
16. A secondary boycott is an action taken against a supplier, customer or other entity with a connection to the company whose employment relations are in dispute, undertaken for the purposes of putting pressure on the latter company.
17. 29 U.S.C. Section 101 et seq.
18. 29 U.S.C. Section 113.
19. 29 U.S.C. Section 151 et seq.
20. See generally Connell Construction Co. v. Plumbers & Steamfitters Local 100, 421 U.S. 616 (1975).
21. The same theme is in the Railway Labor Act, 45 U.S.C. Sections 151-188, which was enacted in 1926, before the NLRA. The labor relations system under the Railway Labor Act is otherwise very different from the NLRA. It covers the railroad and airline industries.
22. Kerr and Fisher. "Multi-employer bargaining," in Insights into labor issues, R. Lester and J. Shister, eds. (1948).
23. Allen Bradley Co. v. IBEW, Local 3, 325 U.S. 797, 806 (1945).
24. Connell Construction Co., supra.
25. Amalgamated Meat Cutters, Local 189 v. Jewel Tea Co., 381 U.S. 676 (1965).
26. United Mine Workers v. Pennington, 381 U.S. 657 (1965); Allen Bradley Co., supra.
27. "Common-law employee" status exists where another person, the employer, has the right to control the details of the employee's work, whether or not the right is actually exercised. Restatement 2nd, Agency, Section 220.
28. Teamsters Local 24 v. Oliver, 358 U.S. 282 (1959).
29. American Federation of Musicians v. Carroll, 391 U.S. 99 (1968).
30. Journeyman Barbers v. Messner, 53 Cal. 2d 873 (1960).
31. See, e.g., United States v. Los Angeles Meat & Provisions Drivers Union Local, 371 U.S. 94 (1963); Taylor v. Int'l Union of Horseshoers, Local 7, 353 F. 2d 595 (CA4 1965).
32. Cf. Julien v. Society of Stage Directors & Choreographers, 1975-2 Trade Cas. para. 60, 541 (SDNY 1975).
33. Starr, Social Transformation of American Medicine (1984).
34. Eastern Railroad President's Conference v. Noerr Motor Freight Inc., 365 U.S. 127 (1961); United Mineworkers v. Pennington, 381 U.S. 657 (1965); California Motor Transport Co. v. Trucking Unlimited, 404 U.S. 508 (1972); Bill Johnson's Restaurants, Inc. v. National Labor Relations Board, -U.S.-, 103 S.Ct 2161, 76 L.Ed. 2d 277 (1983); Otter Tail Power Co. v. United States, 410 U.S. 366.
35. Eastern Railroad President's Conference, supra.
36. Parker v. Brown, 317 U.S. 341 (1943).
37. Goldfarb v. Virginia State Bar, supra.
38. Southern Motor Carriers Rate Conference, Inc. v. United States, -U.S.-, 105 S.Ct. 1721 (1985).
39. California Retail Liquor Dealers Association v. MidCal Aluminum, 445 U.S. 97 (1980).
40. NLRA Section 2(3), 29 U.S.C. Section 152(3).
41. Id.
42. These standards vary by industry. For instance, jurisdiction is asserted over hospitals with $250,000 or more in annual gross revenues.
43. As noted in the text, however, there is an interplay between the National Labor Relations Act and the non-statutory antitrust exemption.
44. NLRA Section 10(j), 29 U.S.C. Section 160(j). See Summary of Operations, Office of the General Counsel, NLRB, Fiscal Year 1984 (NLRB sought injunctive relief only 30 times in the entire fiscal year).
45. "Hitting Where It Hurts." Business Week, March 17, 1986, pp. 112-4.
46. James, Hoffa and the Teamsters (1965).
47. FHP, Inc. 274 NLRB 168 (1985).
48. NLRB v. Textron Div. Bell Aerospace Co., 416 U.S. 267, 290 (1974).
49. Id., at 288.
50. NLRB v. Yeshiva University, 444 U.S. 672, 683 (1980).
51. See, e.g., Dr. Frederick Davidowitz, 277 NLRB 110 (1986).
52. See, e.g., Union of American Physicians and Dentists v. Civil Service Commission of the City and County of San Francisco, 129 Cal. App. 3d (1981).



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Features for Patients September 1986

The Sweet Thing

Claude A. Frazier, M.D.

I'm an allergist, and I have recently acquired a kitten. While I was in training, I was taught that pets were a no-no, and I have passed that information on to all of my patients for the last 30-add years. Well, I have failed to take my own advice, and now I am farced to "pay the piper" myself.

Recently I talked to my mother and we discussed haw difficult it was far my patients to accept when they were told ta have no pets. I once treated a yaung man wha was highly allergic to the kitten he and his wife had just gatten. When I tald them that they wauld have to get rid of the animal, his wife replied, "Let HIM leave, I'll keep the kitten." I'm still not sure if she was joking. She did NOT smile when she said it!

My mather reminded me about Zera, a puppy given ta me by the callege football coach in my hame town when I was in the seventh grade. He was a little white mangrel, and his tail curled at the end into a circle, sa I called him "Zero." I really loved that little dog. He must have had a built-in clock, because he always knew just what time I gat aut of schaal — all the way through junior high, high school and college. He'd come ta meet me and escort me home. He even went to church with me. Na, I could never forget Zero. Each time I came hame on vacatian fram medical school, he'd jump up on my desk to greet me and let me knaw haw much he'd missed me. Finally the day came when I arrived hame and Zero wasn't there ta jump up and welcome me. My mother had ta tell me that he'd been killed in the woods by anather dog. They had spared me the news while I was in school, knowing haw much it wauld upset me. I cried for hours aver him. To this day, it still brings an ache in my throat whenever I think of that small, white, faithful little dog. I only wish that humans had the same capacity for love as these "dumb" animals. Sa haw can I fault the patient's wife for her feelings about her kitten? Perhaps she felt greater reciprocal love fram her pet than from her husband . . . I know something of that feeling myself.

From Doctors Park, Building 4, Asheville 28801.

The Pet's Prerogative

Naw, all these many years later, I again have a pet in the hause. This kitten, a Himalayan, acquired my hame while I was away at a medical meeting, and acquired me upon my return. One of the people in my office got him for me, thinking he'd be good campany now that I'm alone after more than a quarter-century of marriage. At first, I called the kitten Duchess, having been told it was a female. Discovering my error, however, I quickly dropped that appellation, and the kitten remained nameless. After all, it was only a kitten, just an animal, and a name was unimportant since I certainly had no plans af becoming attached to it. How wrong I was!! The kitten has now became a cat, and I haven't *dared* name him, this decision having been taken aut af my hands. HE hasn't decided what he wishes ta be called. When he daes, he may or may not let me know. For now, depending an how fiendishly independent he is at the time, I refer to him either as "Idiot" or as "Sweet Thing." He, of course, answers ta neither, merely acquiescing, if it pleases him, ar turning and strutting away with camplete disdain. I've seriausly considered the name "Arrogant"; it fits better than anything else I've managed to come up with.

He can be affectionate — when HE chaases, af course — usually when most inconvenient far me (otherwise, it wouldn't be any fun). I'm no fool; I take what I can get, whenever he deigns to acknowledge my existence. His favorite trick is ta wait until I'm comfortably enscanced in my recliner and concentrating an a medical paper, then to sneak under my arm, slither up to my face, blocking my vision, and "delicately" exercise his

claws. If I fail to pay him immediate attention, he'll put his nose to mine, a paw on each of my shoulders, and cry most piteously, giving the impression he NEVER receives my affection. When he's had quite enough, thank you, he jumps down and swiftly disappears, whether or not I still want his company.

Hooked!

Yes, it's true. I'm hooked. I now belong to this cat — the one I'd had no intention of becoming attached to, the one who'd been just another animal. He may be arrogant, indifferent, independent, disdainful, but I'm his — hook, line and sinker.

This totally independent "pet" has given me laughter, something I've not had since my wife left. He gnaws at my shoestrings, chases my belt across the floor, and makes World War III explode inside a grocery bag. He trips me, uses my antique furniture to sharpen his claws, rips my carefully tended potted plants, sheds on everything I possess, and tugs at my heartstrings. I couldn't get through a day without him.

I hadn't realized just how dependent I'd become on this ball of fluff until I took him with me to play tennis at an indoor racquet club near my home. I put him in the room next to the court where I was scheduled to play, and he ran around and around the room in a panic. When I thought he'd calmed down, I left him in charge of the attendant there at the desk. He tried to follow me onto the court, but I was firm and put him back in the room. A short while later, the attendant came out to the court and said, "Dr. Frazier, I can't find your cat ANYWHERE! I've looked under the couch, tables, chairs — all over the room — and he's just GONE! The door was opened twice, but I'm certain he didn't get out that way."

Now it was my turn to panic and run around the room!! I looked outside everywhere, checking with golfers playing next to the racquet club. I got a golf cart and drove all over the course, calling until I was hoarse for this nameless, unimportant animal that I wasn't attached to. Exhausted finally, throat aching, I had to admit defeat. I went home to eat and change clothes.

Then depression set in. That cat, independent and arrogant or not, had become my life. Back I journeyed to the racquet club. I once again checked at the desk. There'd been a change in personnel since I'd left, but the new attendant had been told that my cat was missing. She hadn't seen him. As I started to leave, intending to renew my search outdoors, habit sneaked up on me and I called out, "come here, Sweet Thing!" Suddenly a gray streak shot out from under the desk and leaped into my arms! The attendant was flabbergasted! Apparently the "sweet thing" had hidden under the desk, without moving or attracting anyone's attention, for more than eight hours, and had come out only when he'd heard my voice calling. I've never been so relieved to see anything in my life as I was to see that irksome piece of fluff! And, for once, I believe he was truly glad to see me!!

Shenanigans

Sometimes I feel as though I've regressed and second childhood has gripped me with a vengeance. I actually get down on the floor and play with the "sweet thing" just like a small child. When I get ready for bed, and want him to keep me company, we have a chase over couches, around tables, under the bed and in and out of rooms. He'll stop in the middle of this little fun, looking at me as though saying "aren't we having a great time?" Well, so much for "doctoral dignity" . . .

Once, when I was shaving, he jumped up on the counter and drank from the basin. Feeling playful, I trickled a few drops of water on his nose, strictly in the spirit of fun, of course, and INFURIATED him. He leaped down from the sink and shot out of the room. He proceeded to totally ignore me the rest of the day. I'd been a bad boy and deserved punishment. This was not my only instance of punishment, either. He's a past master at giving me my just desserts. Not long ago, I'd had him groomed, and he was still damp when I picked him up. It was chilly outside, so when we arrived home, I put him inside the house, depriving him of his usual jaunt around the neighborhood. This was definitely not what he had in mind, and he was quick to advise me. I was insistent, however, and told him he could not go outside until he'd completely dried. In a huff, he made for the attic stairs, meowing furiously all the way. I tried to coax him down, using all sorts of bribes, but he'd have none of them. I finally quit and went to bed. Awakening around 2:00 a.m., I got up and searched the house for him. Not finding him right away, I became nervous. I started to look outside. Fruitless. I once more started through the house, and then I saw him sitting quietly in a corner of the living room, watching me intently. When I tried to coax him to come to bed, he zipped through my legs and made for the attic again. Having already been through that trick, I knew better than to waste my time. I was being punished, and when he'd decided I'd had enough, he'd let me know.

Needless to say, I'm not fully trained as yet, but he hasn't given up on me. I still try to exude authority once in a great while, but he has patience. If I'm not careful, he may take me to a human obedience class, so let's hope he allows me a few more chances. After all, I am trainable — it just takes me longer.

So now you know the story of the allergy doctor who doesn't take his own advice, and has lived to NOT regret it. If you are like the woman who refused to get rid of the kitten, you may not be so unwise after all. In fact, sneezes, wheezes and all, pets are GREAT!! Just be sure to keep your friendly (and now sympathetic) allergist's telephone number close at hand, take your shots and pills regularly, and your pet will never have to worry again! (I'm in the book . . .)



Being Different During Adolescence: A Patient's Story

Barbara A. Walsh

- **Editor's Note:** Treating a disease can be difficult. Caring for the patient with the disease is even more difficult. There is a lesson here for all of us who care for patients with chronic problems — even for those of us who care for patients with that most universal and chronic problem: growing old.

During early adolescence, I was diagnosed as having idiopathic scoliosis. The orthopedist discovered two curves upon x-ray of my spine, and he suggested that I begin treatment in the Boston brace, a relatively new concept which had promising preliminary results. The year was 1975 when I began treatment at the age of 13 years and four months.

When I went to be fitted for the brace, the procedure was frighteningly abrupt. Being asked to strip in front of a total stranger contributed to my dismay concerning the entire procedure. The fabricator proceeded to measure me all over, and a few days later he put the brace on me for the first time and pulled the straps ever so tightly. I felt like I was trapped, a body with a plastic midsection. It was a terrible feeling.

My treatment consisted of wearing the binding pelvic girdle for 23 hours each day. The brace secured in the rear, so I needed help to get in and out of it. Weekly hospital consultation consisted of performing pelvic tilt exercises designed to relieve the stress of the brace's pressure pad on my skin, particularly on my hip region. I was instructed to do the exercises on my own several times a day to prevent formations of pressure sores.

The hospital was a long drive from my house, and the treatment staff were far from encouraging. I used to cry and beg my sister not to take me; sometimes this tactic worked, but more often I found myself in the hands of the treatment team, doing as they asked.

The orthopedist took x-rays of my spine every two months to note the progress of the treatment. He often called in other doctors in the area, since the technique was so new and I was such a good specimen for observation. I felt somewhat violated by having everyone observe me in the brace, and the doctors rarely referred to me by name, but rather as the patient in the Boston brace or the scoliosis case being treated with the new bracing strategy.

The brace limited both my breathing capacity and my stomach capacity. It was designed to fit as closely as possible to the patient's body design, and I can attest that this was painfully true in my own case. On a couple of instances, I purposely ate more than I should so that the brace would have to be loosened or else I would vomit the contents of my stomach. This didn't happen often, for even though I obtained a brief period of relief when the brace was loosened, the warnings from my parents were considerably more sobering than this strategy was beneficial.

One of the biggest problems of the treatment procedure was adjusting to my new life at school. I had to buy clothing at least two sizes larger than I normally wore in order to fit it over the brace. I always wore my shirts out over pants and skirts to try to disguise the hideous non-existence of my bottom, which was entirely flattened in the brace. No matter how expert I got at trying to disguise it, the brace was still obvious under clothing. It also sometimes "creaked" on its plastic hinges as I sat down (in a seemingly impossible erect manner) and it would often be quite embarrassing to explain.

Although I wasn't allowed to participate in physical education, which I loved, I sat on the floor of the gym and watched my fellow classmates playing in various activities, and was often assigned small projects, such as being the referee in certain games, to allow me a sense of participation.

I think my overall psychosocial adjustment to the program was remarkably good. Classmates learned to accept my presence in the brace, often playing games by "knocking" on my stomach in the middle of a class, sending the teacher to answer a door which nobody had knocked upon. I was commonly referred to as "Bionic Barb" and it was more a term of jovial familiarity by peers than a nickname designed to accentuate my difference from the group.

The summer months were the most difficult to cope with in the brace, especially since a beautiful pool was in our back yard. Sunbathing was out of the question. Even when I stayed in the shade, the presence of the t-shirt and the lining of the brace, not to mention the heat-retaining properties of the plastic shell itself, made it very difficult to keep wearing the brace. I once developed a heat rash, which resulted in the brace being removed for a week until the rash cleared.

One source of relief was my one hour each day out of the brace which the treatment staff allowed me to spend swimming in the pool. This definitely was a source of positive reinforcement; the enjoyment and relaxation I felt were incredible. Swimming is also an excellent exercise for scoliosis victims in that the spine encounters no undue stress since it is afloat the entire time.

From 1401 Valley Run Drive, Durham 27707

Conjoint Report: To the North Carolina Medical Society and the North Carolina Commission for Health Services

Ronald H. Levine, M.D., MPH

This spring, in adherence with a long-standing legislative mandate, I reviewed with the practicing physicians of North Carolina and the members of the State Health Commission the state's major public health issues of 1985-86. They have included teenage pregnancy and its related medical, economic, and child health issues; acquired immune deficiency syndrome (AIDS); immunization; skin cancer screening; and hypertension. I appreciate the opportunity to record in this journal the highlights of that review.

Teenage Pregnancy

There has been growing concern among the medical profession, school officials, parents and others over teenage pregnancy. According to the State Center for Health Statistics, there were almost 25,000 pregnancies and 15,000 live births reported among females aged 10 to 19 in 1984. More than 10% of the babies born to this age group were premature, compared to 7.8% for all births in that year, and we are well aware of the increased fetal, neonatal, post-neonatal and infant mortality and morbidity associated with this phenomenon.

The 1985 General Assembly appropriated $1.9 million to the Department of Human Resources to support innovative, community-based projects designed to reduce adolescent pregnancy and lower prematurity rates. It is our hope that one or more funded projects will prove to have a significant, long-term impact on the problem of teenage pregnancy and that the successful operating principles and methods can be transferred in a cost-effective manner to other areas of our state.

Another prematurity prevention effort begun in 1985 in 90 of our 100 counties focuses on risk assessment and risk management for preterm labor. Prenatal clinic staff members provide education for pregnant women on early signs and symptoms of preterm labor. This allows women with such signs to alert their physicians in a timely manner, which, it is hoped, will increase the effectiveness of medical intervention. We will be carefully evaluating this formalized and systematic risk-assessment concept jointly with the obstetric community to determine its usefulness.

One of the most disturbing phenomena of 1985 was that in more than 1,000 of North Carolina's births, the women had received absolutely no prenatal care. This represents an alarming 20% increase over the previous year. In an effort to gain more information about this situation, we are currently interviewing these women as well as local health officials to better identify the barriers to early and regular prenatal care for all pregnant women, a goal strongly endorsed by the North Carolina Medical Society House of Delegates.

We are particularly concerned about the decline in the number of family practitioners and OB/GYN specialists providing health department-based prenatal care for low-income women. At least 49 obstetricians in 23 counties and 31 family physicians in 18 counties have withdrawn their services from prenatal care clinics in our health departments within the last year. We are of course aware that this phenomenon is largely due to problems with medical liability insurance, and we have joined with other interested and concerned groups and individuals in urging the General Assembly to adopt appropriate measures to remedy this situation as rapidly as possible.

The Regionalized Perinatal Care Program in 1985 seized an opportunity to begin developing a network of intermediate level nurseries. These would enable babies to be back-transferred from the neonatal intensive care units sooner and allow better discharge planning in the infants' home communities. One million dollars per year has been allocated to establish and maintain, in approximately 20 North Carolina hospitals, this secondary level system of care for infants who are at high risk but may not require tertiary-level neonatal intensive care.

In the area of nutrition, North Carolina can report some very positive accomplishments. During 1985, the Supplemental Food Program for Low-Income Pregnant Women, Infants and Children (WIC) provided protein supplementation and nutrition education to approximately 100,000 recipients per month in this state.

A recent national evaluation of the WIC program, conducted in part by the Research Triangle Institute, demonstrated clearly that women participating in WIC exhibited earlier registration for prenatal care and longer gestation periods, and their babies had increased birth weight. An increased intake of vitamin C, iron, thiamin, niacin and vitamin B_6 was demonstrated in both infants and children. Finally, children enrolled in WIC were more likely to have a reg-

From the North Carolina Department of Human Resources, Division of Health Services, Box 2091, Raleigh 27602-2091.

ulor source of health care and were better immunized.

In commenting on the staying power of government programs, even those that are ineffective, President Reagon has been quoted os saying that "o government program, once begun, is the closest thing on Earth to eternal life." We ore very pleased thot one of our largest preventive medicine efforts has been rigorously evaluated and hos passed the test. We need to do this with all such efforts in the future.

AIDS

With a case-to-fotality ratio approaching 100 percent, Acquired Immune Deficiency Syndrome is an areo of intensifying concern. By mid-April of this year, 110 coses hod been reported to our deportment, 70% of which have already ended in death.

The only currently available method for preventing the further spread of this diseose is intensive and extensive education of persons in the knawn high-risk groups. Such on effort needs to include counseling to decreose the number of sexual partners, to ovoid sexual proctices most likely to result in transmissian, ond to avoid the use of intravenous drugs ond the shoring of needles.

We have recently received o federal gront to intensify these educational efforts and will be actively enlisting the assistance of North Carolina's physicians in counseling patients obout how to minimize their risks of acquiring or transmitting AIDS.

Immunization

Although North Caralino continues to be the notional leoder in the immunizatian of children, with more than 99% of lost September's entering kindergarten ond first-grade students meeting the minimum immunization requirements, we continue to face the intraduction of meosles, rubella and other vaccine-preventable diseases by young people from states with less successful programs. Therefore, new students who enter North Carolina's colleges and universities this fall will be required for the first time to present evidence of having received the appropriate immunizotions. We hope that this new requirement will avert outbreoks of voccine-preventable diseases on our college campuses.

Skin Cancer Screening

One of the most successful endeovors in 1985 was o skin cancer screening baoth at the N. C. State Fair, conducted by the dermatology section af the North Corolino Medical Society, the Department of Humon Resources ond the American Cancer Saciety. Over 7,500 pieces of educational material on skin cancer were distributed to fair-goers, and more thon 1,000 people were screened for signs af skin cancer.

Of those screened, neorly 54% were referred for suspected pre-cancerous or other abnormal skin conditions. Preliminary returns from o follow-up effort indicate that more than 80% of those referred have olready visited a physicion or have planned to visit.

Hypertension

A word af concern is certainly in order about hypertension, o condition reported by one of every four North Carolina adults in the recently published N.C. Citizen Survey.[1] It is importont ond timely to re-examine the extent to which unknown, untreoted ond/or uncontrolled hypertension is adversely affecting the health of our citizens. The natianal High Blood Pressure Educotion Pragram lists North Caralina as a "hot spot" for heort diseose ond cerebravascular disease, with deoth rotes from heart disease and stroke well obove the nationol overage.

We have a first-rote but very expensive end-stage renal diseose effort in our state. How mony physicions are aware that about one in four of the patients became dialysis ond transplantation candidates os a result af hypertensive disease?

Based on 1980 dollars, hypertension costs this nation some $8 billion a year. Half of these costs are associated with medical core while the remainder relate to last output fram illness and disability. An extra $18 billion per yeor can be odded to this tatal if diseases associated with hypertension, such as caronary heart ond artery diseases and stroke, ore included.

We ore moking some headway in moving this so-called "silent" disease to the front burner in the minds of bath health care provider and health core consumer. Since 1972, both the proportion of peaple with hypertensian who know they have it ond the prapartion on medication and under control have increased significantly.

Studies in the late 1960s ond early 1970s showed that reducing blood pressure in potients with moderate and severe hypertension clearly decreosed cardiovoscular mortality. We naw have solid evidence for the value af medication in pratecting mild hypertensives against stroke, left ventricular hypertrophy (enlargement), congestive heart failure, and progression to more severely elevated levels of blood pressure.

Mast recently, the benefits of supplementol nonpharmacological measures such as weight reduction, lower sadium intake, moderation in alcahal consumption, tobocco avoidance, ond exercise have been demonstrated.

It is incumbent upon us to develop ond employ methads to improve patient adherence to the prescribed medicol regimen and to help patients to reduce the risk factars related to hypertensian. These strotegies moy include praviding education to reinforce the importance of taking medicotion, mobilizing family suppart for hypertensives, and develaping community educotion progroms.

Speciol efforts must be directed to high-risk groups, especially low-income populations and yaung black men who may not routinely seek medicol care. Reaching this high-risk populatian requires a special effort by all af us — state and local health professianals, the medical commu-

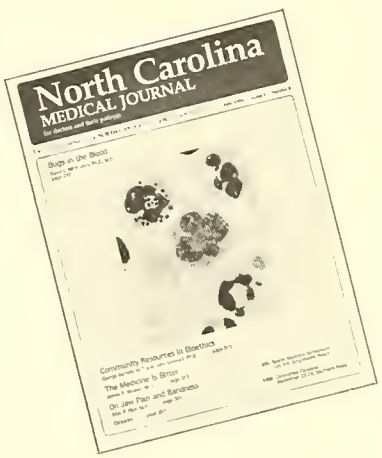
nity, and interested groups, organizations and citizens.

The experts, in the form of the Joint National Committee on Detection, Evaluation and Treatment of High Blood Pressure, have concluded, unanimously and unequivocally, that a diastolic blood pressure over 90 equates to hypertension, albeit mild. With this as the accepted standard and with a clearer recognition of the potential for decreasing morbidity and mortality, private practitioners and the public health system they helped to create can now collectively, collaboratively, and I believe successfully take aim on another major public health problem as we have on so many over the past 120 years.

References

1. Office of State Budget and Management. N.C. Citizen Survey, 1985.

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Alternative Delivery Systems: Do They Reduce the Aggregate Cost of Health Service?

Phyllis S. Ellenbogen, J. Kevin Moore, Catherine Neyland, Ann Worden, Andrew G. Wallace, M.D.

NEW mechanisms for delivery and financing of health care are emerging in North Carolina, and they are developing at a rapid rate. Sometimes referred to as alternative delivery systems, or ADS, most are new initiatives designed to compete with traditional insurance plans. The operating principle behind these new initiatives is the concept of managed care.

Managed care represents a linked series of strategies designed to eliminate unnecessary services, to provide necessary services at the lowest appropriate level of specialization and/or technology, and to promote behaviors aimed at prevention. In contrast to traditional insurance plans, alternative delivery systems will either pay providers (doctors and hospitals) a predetermined amount or place controls on utilization such as preadmission authorization requirements. These strategies either create an incentive for providers to reduce costs or create an environment in which providers are reminded of the need to reduce costs. Alternative delivery systems are aggressively marketed on the premise that they save money.

It is also believed by many that competition created by alternative delivery systems will bring total health care costs down. That is, the sum or aggregate cost for those who subscribe to new plans, *and* for those who do not, will be decreased. Early evidence suggests that alternative delivery systems have succeeded in decreasing costs and premiums *for their enrollees*. The question we pose in this essay is: How strong is the evidence that new and competing programs reduce the *aggregate* cost of health care?

Background

Alternative delivery systems vary in structure, with new forms continuing to emerge. The common elements are the built-in incentives to eliminate unnecessary services, particularly in-patient hospitalizations, to substitute less expensive for more expensive primary care, and to buy hospital services selectively and/or at negotiated rates. The most prevalent form of alternative delivery system in the United States and in North Carolina is the health maintenance organization, or HMO. HMOs are prepaid health plans which provide a defined spectrum of services in return for a fixed prepaid fee. The unique feature of an HMO is that the plan is at financial risk. There are built-in financial incentives for providers to minimize the costs of most services and to limit the use of hospital services. HMOs either hire physicians for fixed annual salaries or contract with physicians whose income may become dependent on the performance of the plan. HMOs also negotiate contracts and discounts with hospitals.

After the first HMOs were founded in California in 1929, growth of the HMO movement was slow for nearly 30 years. However, beginning in June 1981 HMO enrollment increased at an average rate of 13.7% a year. Between June 1984 and June 1985, the increase was 24.9%, bringing enrollment nationwide to 19 million. Although the growth of HMOs in North Carolina has not been as rapid, total enrollment in the state was about 168,000 in 1985 with eight plans in existence.[1] Continued growth is expected and will undoubtedly alter the method of health care delivery in North Carolina for years to come.

HMOs typically flourish in growing areas where people do not have long-established relationships with a physician. HMOs are also commonly established in urban settings and where the prices already being paid for health care are perceived as high. Under these circumstances, HMO physicians can compete on a price basis with established doctors. The urban setting provides an opportunity to recruit large groups of patients, and lower cost provides a significant marketing advantage.

A number of uncontrolled studies have suggested that prepaid group practices, such as the HMOs, reduce the cost of care compared with fee-for-service medicine.[2] Recently, the Rand Corporation conducted a controlled study and reported that per capita expenditures for those enrolled in a prepaid plan were 25% less than for those receiving either free care or 25% co-insurance. The major factor contributing to this difference was the rate of hospital admissions, which was 40% lower than in the fee-for-service setting.[3]

Cost Shifts

Despite evidence that HMOs can offer good-quality care at apparently lower costs for their subscribers through good business planning, patient selection and prudence, the question that remains is whether or not HMOs, as a component of a competitive market, have actually lowered aggregate health care expenditures. Is it possible that lower costs within the HMO are more apparent than real because of subsidies and selection bias, and that costs created by competition have been shifted to other payors?

There are hidden costs created by the proliferation of HMOs and the competition they create. Over $150 million of federal money and over $200 million in private loans were used initially to launch the HMO movement. These dollars and the losses resulting from economic failure of nearly 20% of the HMOs started between 1973 and 1980[4]

From the Office of the Chief Executive Officer, Duke University Medical Center, P.O. Box 3708, Durham 27710.

are hidden from view and are not evident from the initial premiums offered by those that survived. Other costs not related directly to the provision of health care are evident in the media advertising that is a part of today's climate of intense competition. Someone pays these costs.

As a marketing strategy, alternative delivery systems typically approach large employers. They attract the working rather than the unemployed, and they therefore attract those of working age rather than the elderly. Data exist that support the view that the unemployed, the poor and the elderly have health care needs greater than others. To the extent that they meet these needs, providers other than HMOs carry a disproportionate share of bad debt which they pass on as higher charges to those who pay. Furthermore, alternative delivery systems in general and HMOs in particular have a relatively low profile in the process of graduate and postgraduate medical education. As a consequence, the cost of educating physicians, including those who ultimately work in the HMOs, is borne by others and not included in the premium charged by HMOs to their members. These shifted costs contribute to the lower relative premium of the HMO.

Although HMOs appear to make use of established new technologies with only slightly less frequency than fee-for-service plans, HMOs seldom if ever participate in the development of these technologies. Commonly, teaching hospitals play a primary role in either developing or testing these new modalities for diagnosis and treatment, and some of these research and development costs are built into their charges to paying patients. If we want future technology development, someone must pay. The fact that HMOs do not participate keeps their premiums down but does not lower aggregate cost.

In a recent article in the *Wall Street Journal*, some companies were said to be questioning whether an HMO alternative for their employees really saves money. It was reported for example that Honeywell, Inc., in Minneapolis, found a significant age difference between employees who enrolled in an HMO and those who continued to seek their medical care through Honeywell's regular medical plan. While the premium cost for the HMO enrollee was reduced, the premium cost for traditional coverage went up. For Honeywell, the aggregate cost of health premiums increased by $5 million over three years.[5]

From a broader perspective, *Health Care Financing Review* has attempted to look at total expenditures for health in a population and to express this as total systems cost per capita.[6] For the United States as a whole, the 1982 figure was $1220 per person per year.[7] During that year, the total systems cost per capita in Massachusetts was $1508, in California $1451, in Minnesota $1229 and in North Carolina $931. There are many factors that contribute to this cost, but it appears that North Carolina ranked very low before the entry of alternative delivery systems. To our knowledge, no community, city or state has yet reported a correlation between HMO penetration and *aggregate* expenditures for health per capita. To our knowledge, no community, city or state has yet reported that either the total systems cost per capita or its rate of change has been reduced by alternative delivery systems.

According to another recent study published by the Rand Corporation, although HMO costs at the outset were less than those of traditional fee-for-service programs, HMO costs rose at approximately the same rate as traditional indemnity plans in the period studied (1976-81). That study also found that the increases in both systems were due to increases in expense per visit or per hospital day, rather than to increases in the number of hospital days or office visits. The study provides reason to question the assumption that an increase in HMO enrollment will reduce the upward trend in medical care costs.[8]

It is generally agreed that there are more hospital beds in operation today than are needed, and most also agree that we are headed for a surplus of physicians. Health care is not immune to the general business principle that excess capacity leads to excess cost. HMOs have the potential to lower cost if they are substitutive or if they cause the elimination of excess capacity. However, if they are additive they will not lower aggregate cost and they have the potential to increase cost. To our knowledge there is no evidence, even in the areas of highest HMO penetration, that either the number of hospital beds or the number of physicians has been reduced, or that the aggregate cost of either has declined on a per capita basis.

Conclusion

The role of HMOs and other alternative delivery systems in decreasing *aggregate* health care costs is uncertain. It is clear that HMOs serve as a catalyst to bring competition into the health care environment. However, the impact that competition will have on overall health care cost is not yet clear. In our minds, at least two questions remain unanswered and provide a basis for caution. First, how much of the lower premium and apparently lower cost of alternative delivery systems is attributable to managed care per se, and how much can be ascribed to selection bias, to the shifting of costs to other payors, and to abdication of roles in training, technology development, and care for the elderly and poor? Second, after accounting for these cost shifts plus the added costs created by competition, marketing, and initial subsidies, have aggregate costs of health care been reduced, unaltered, or increased? Our thesis is that these questions do not yet have clear answers based on experience elsewhere. North Carolina should adopt alternative delivery systems with some caution. Because we start from a posture of high quality and relatively low cost in this state, we have an excellent opportunity to learn about the impact of alternative delivery systems on quality and cost.

References

1. Interstudy. HMO Summary, June 1985, Excelsior, MN.
2. Luft H. How do health-maintenance organizations achieve their 'savings'? NEJM 1978; 298:1336-43.
3. Manning WG, et al. A controlled trial of the effect of a prepaid group practice on use of services. NEJM 1984; 310:1505-10.
4. Iglehart JK. HMOs on the move. NEJM 1984; 310:1203-8.
5. Hull JB. HMO insurance plans face some threats to own good health. Wall Street Journal, January 16, 1986, pp. 1-21.
6. Freeland MS, Schendler CC. National health expenditure growth in the 1980's: an aging population, new technologies and increasing competition. For the U.S. Dept. of Health and Human Services, Health Care Financing Administration. Health Care Financing Review, March 1983, pp. 1-58.
7. Levit KR. Personal health care expenditures, by state: 1966-82. For the U.S. Dept. of Health and Human Services, Health Care Financing Administration. Health Care Financing Review, Summer 1985, pp. 1-49.
8. Newhouse JP, et al. Are fee-for-service costs increasing faster than HMO costs? For U.S. Dept. of Health and Human Services. Rand Corp., October 1985.

TOXIC ENCOUNTERS

Chloral Hydrate: Somnos and the Thousand Sons

Ronald B. Mack, M.D.

MYTHOLOGY has always been fascinating to me. It helps me to understand the universe. I admit that I do have some strange tastes. I even like Brussels sprouts. If it is true that the past is prologue then studying the classics helps me to put the present in perspective. I am reasonably sure that as long as humankind has been on earth there have been those who just cannot fall off to sleep. The Ancient Romans even had a god for sleep and his name was Somnos. Now this fellow was really something else: he sired a thousand sons; it's a cinch he didn't get a lot of sleep.One of his sons was quite famous indeed. His name was Morpheus and he became the Roman god of sleep and dreams. Ovid, in his mahhhvelous book *Metamorphoses* describes Morpheus and the form in which he appeared to mortals: "And Somnos roused Morpheus from his thousand sons, best of them all at imitating humans, their garb, their gait, their speech, rhythm and gestures, it is only men he imitates." I believe I saw him yesterday in the clinic, sleeping in a chair while his two-month-old daughter was lying unattended eight feet away on an examining table.

Some "ancient" things can still be useful. The chloral derivatives are the oldest hypnotic agents still in legitimate use. They were introduced well over a hundred years ago, 1869, and still enjoy a good reputation even as we speak; for example, as sedatives in infants undergoing the "sleep EEG" and as sedatives/hypnotics for all age groups. This type of sedative is available in syrup and capsule form and as a suppository (is there nothing sacred? Do you really expect to calm someone down when you put the medicine there?).

Chloral hydrate has an aromatic, penetrating, somewhat hard odor and a bitter caustic taste. It is a central nervous depressant with practically no analgesic effect. This drug is freely soluble in water and alcohol and in fact its depressive effect on the central nervous system (CNS) is enhanced when mixed with alcohol. It thus becomes an excellent choice for those who perform nefarious deeds and need to immobilize their victims. This need for so-called "knock out" drops was answered with the discovery of the infamous "Mickey Finn." It is alleged to have been popular in Chicago "speakeasies" in the 1920s and thereafter. (Being from that great city I always feel proud when some momentous discovery is attributed to that bastion of grace and charm.) Ethanol stimulates the production of trichloroethanol, the active metabolite of chloral hydrate. Also, the combination of ethanol and chloral hydrate causes the formation of chloral alcoholate, which is quite potent. These days scopolamine has replaced chloral hydrate in some major American cities when a "Mickey" is wanted. I must warn all travelers to major cities, who when going to seminars, conventions, etc., become lonely of an evening, to beware of the company of "fast friends" of any gender when seeking solace at an oasis that sells "spirits" and other sensory delights.

The pharmacokinetics of chloral hydrate should be discussed before we talk about diagnosis and the management of this potential toxin because these data help to explain the clinical course and the rationale for rational therapy. This drug is quite rapidly absorbed from the gastrointestinal tract and is able to "do its thing" within 30 minutes. It is rather widely distributed throughout the body and easily penetrates tissue cell membranes because of its lipid solubility. It can be detected in cerebrospinal fluid and breast milk, and it also crosses the placenta and can be found in amniotic fluid and cord blood.

In the liver, chloral hydrate is metabolized by alcohol dehydrogenase (the same enzyme that breaks down alcohol, methanol, ethylene glycol and many other potential toxins). The major metabolite from this chemical action is *trichloroethanol*, an active metabolite which is then conjugated with glucuronic acid to an inactive metabolite — urochloralic acid. Some of the chloral hydrate and some of the trichloroethanol are also oxidized to trichloroacetic acid, which is an inactive compound. Chloral hydrate itself only has a half-life of a few minutes whereas the active metabolite trichloroethanol has a half-life of four to fourteen hours. Thus chloral hydrate per se, although a potent hypnotic, has a quite short duration of action because of its rapid conversion to trichloroethanol. It is this latter compound that is responsible for the more prolonged hypnotic action of the drug. Plasma protein binding for this same compound is 35-41% (we need to keep this in mind if we contemplate dialysis in a "severe" overdose).

Acute doses of greater than 3-4 g are toxic to an adult, 1.5 g are toxic to a child, and the usual lethal dose is reported to be 5-10 g; but as in most of what we do in medicine, this is variable. To put these numbers in perspective: 250 mg in adults and 8 mg/kg in children produces sedation, and 500-1000 mg in adults and 25-50 mg/kg in children produces a very deep sleep indeed. Poison-

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ing by chloral hydrate can cause *skin and mucous membrane problems, central nervous system dysfunction*, plus involvement of several other major organ systems such as the *heart, liver* and *kidney*.

In an acute overdose situation the patient first experiences rather intense *esophageal and gastrointestinal irritation* manifested by world-class vomiting (a 10% solution of chloral hydrate in water has a pH of 3.5 to 4.4). This corrosive action can be so severe that gastric hemorrhage and necrosis and esophageal stricture have been reported. The central nervous system depression consists of ataxia and stupor initially and progresses to deep coma which can begin as early as 30 minutes post ingestion. The patient's pupils are usually *miotic* initially; be careful here to distinguish the coma and miosis from other overdose situations, especially narcotics. Bear in mind that if the coma deepens the pupils may dilate as in a very severe barbiturate coma. In severe cases of CNS depression due to chloral hydrate ingestion the bottom drops out, as it were, much as in severe barbiturate overdose, i.e., there is hypotension, bullous skin lesions, hypothermia, and respiratory depression. This often results in the patient taking a long ride in a line of cars all with their lights on — in the daytime.

The *cardiotoxic* effects seen in chloral hydrate overdoses can cause the clinician caring for the patient to suffer tachycardia. In large doses this drug can shorten the refractory period and depress contractility of the myocardium. Bear in mind, however, that chloral hydrate appears quite safe for use in patients with heart disease. The main forms of arrhythmia seen following chloral hydrate overdose are multiform ventricular tachycardia and junctional tachycardia. Some authorities believe that this drug may sensitize the myocardium to circulating catecholamines, as do halogenated hydrocarbons such as toluene (airplane glue and transmission fluid) and 1,1,1 trichloroethane (typewriter correction fluid). Both chloral hydrate and its metabolite trichloroethanol are also halogenated hydrocarbons. The toxic metabolites can produce delayed adverse effects on the kidneys, such as albuminuria and casts, and *icterus* if the liver is damaged. Prolonged nephrotoxicity or prolonged hepatotoxicity do not seem to be prominent features of a patient who survives an overdose.

The diagnosis of chloral hydrate poisoning is usually easy when you have a thorough history and physical. It might help to recall that chloral hydrate smells like pears, and sniffing the patient's breath or emesis may provide a clue if at that point you can remember what pears smell like (to further confuse us, paraldehyde has a similar odor). Serum levels of the drug would be very handy in diagnosis but most of us cannot obtain them quickly enough for these data to be of use to the patient. A trichloroethanol level of 10 ug/ml is considered therapeutic, whereas a serum level of 100 ug/ml or above should be considered toxic. You must use this metabolite for detection purposes because, you may recall, chloral hydrate per se has such a short half-life that it is undetectable in the blood for all practical purposes.

But wait, what "light through yonder window breaks?" Dear reader, do not forget one of the most interesting aspects of chloral hydrate poisoning — it is *radiopaque* when x-rays of the abdomen are obtained. That's right, it's one of the few toxins that allows the diagnosis to be suggested by x-ray of the abdomen. Several weeks ago at 2:45 a.m. one of the house officers called from the emergency room (2:45 a.m., you recall, is what F. Scott Fitzgerald called the "dark night of the soul"). He said he had before him an adolescent girl, of known emotional disarray, who had gulped down a rather large dose of her chloral hydrate. I fought to arouse myself from my dream that consisted of producing a line of men's clothing based on Moammar Khadafy's fall wardrobe as I exhorted the young doctor on the phone to "get an x-ray of the abdomen and look for a radiopacity in the stomach." He exclaimed that he had the film before him and sure enough the radiopacity was there in full view and he had wondered what it was. Many of you may remember that the classic mnemonic for toxic substances in the gastrointestinal tract that are radiopaque is "C H I P." The C refers to chloral hydrate, the H to heavy metals such as lead, arsenic and barium, the I to iron salts, and the P to phenothiazines (moderate radiopacity). Other authors suggest the acrostic CHIPPED and include P for Pepto-Bismol and Play-Doh, E for enteric coated drugs and D for dental amalgam.

The treatment of chloral hydrate poisoning is symptomatic — no direct antidote or antagonist available. Gastric emptying should be performed if the patient is seen soon after ingestion. Chloral hydrate is rapidly absorbed from the stomach; use ipecac-induced emesis in alert patients or lavage in obtunded ones. Be careful with lavage because chloral hydrate is corrosive; a small flexible tube is probably the way to go. Adding activated charcoal may help to absorb some of the remaining chemical. Cardiovascular support is probably going to be your main therapeutic thrust — continuous cardiac monitoring goes without saying. Do not use pressor agents that have beta adrenergic activity because the myocardium may have been sensitized. Cardiac arrhythmias are probably best managed initially with lidocaine, but some authors state that beta-blockers such as propranolol are the better road to sinus rhythm. If the patient is very ill from chloral hydrate and conservative methods fail, hemodialysis or hemoperfusion may be tried, with the latter being judged superior.

As a physician and as a caring person I feel great empathy for people with insomnia. It must be awesome to just lie in bed at night and know that the next hours will be as unrestful as the day. I don't have that problem, bless Somnos, and I do have a solution for such sufferers. Let me send you a recording of a lecture I heard recently on "Wild EEG Tracings I Have Known as Taken at the North Carolina School for the Criminally Silly." I guarantee results. It goes like....this....Z Z Z Z Z Z Z

MEDICAL EDUCATION

The Obstetrical Practice of a Community-Based Family Practice Residency Program, 1982 - 1985

Darlyne Menscer, M.D.

THE place of obstetrics in family practice is being hotly debated in many circles. Many of the arguments address intangibles; but among the studies that have been done, some have shown that family practices that include obstetrics are more diverse in composition than those that do not.[1] Even the most ardent proponents of obstetrics, however, do not have ready solutions for the current malpractice insurance crisis.

While the outcome of these discussions is not certain, obstetrics is still a required part of family practice residency training. The majority of family practice residents obtain their obstetrical training on obstetrics and gynecology rotations, especially if training programs in this specialty exist in the same hospital.[2] However, the obstetrical experience that family practice residents obtain on their own service is more likely to resemble the obstetrical experience of practicing family physicians. Reports in the literature of residency obstetrical practices, however, are few.[3,4]

This paper is a description of the 204 obstetrical patients managed by the family practice service of a community-based family practice residency program over a three-year period.

Methods

Data were retrospectively collated from prenatal and postnatal record sheets kept by the family practice faculty member supervising the care of obstetrical patients.

The prenatal data sheet was initiated shortly after the patient was accepted for obstetrical care and was updated at each monthly chart review until delivery of the baby. Demographic data, significant information in the medical and/or obstetrical history, pertinent physical findings, abnormal laboratory findings, and dating criteria were recorded.

The postnatal data sheet was recorded by the same faculty member when the hospital chart was reviewed for signature. Data were obtained in eleven categories: progression of labor, rupture of membranes, presentation, type of delivery, episiotomy, obstetrical trauma at vaginal delivery, type of anesthesia, placental removal, estimated blood loss, fetal distress, and postpartum tubal ligation. The frequency of and reasons for obstetrical consultation were also noted as well as the infants' weight and Apgar scores (numerical expressions of infants' condition as the sum of points tallied for heart rate, respiratory effort, muscle tone, reflex irritability, and color).

The postnatal data were tabulated and entered on a microcomputer by a research assistant. The prenatal data were collated by the faculty member alone.

Results

Most patients (85.3%) were no more than 30 years old, with 22.5% being between the ages of 16 and 20. Most were of low parity (had few offspring; table 1). Most presented for prenatal care early (71.6% by 16 weeks). Only 36 (17.6%) had any notable obstetrical or gynecologic history (table 2). Except for 26 smokers, there were few concerns in the patients' medical histories (table 3).

Except for 22 patients with anemia (Hgb $\leq$11 gms) and 16 patients with urinary tract infection, medical problems during pregnancy were uncommon (table 4). Obstetrical consultation was obtained for seven patients (3.4%), those with pyelonephritis, gestational diabetes, and hyperthyroidism. Those with pyelonephritis required one-time consultation only. Two of the three patients with gestational diabetes, who required only diet therapy, were followed with continued obstetrical supervision. The other diabetic, who required insulin therapy, and the patient with hyperthyroidism, were transferred to an obstetrician.

Obstetrical complications prior to admission for delivery were infrequent (table 5). Obstetrical consultation was obtained for all 23 complicated patients (11.3%). The two patients with twin gestations were transferred to an obste-

Table 1
Parity
(number of prior offspring)

Parity	*No.*	*%*
0	84	41.2
1	70	34.3
2	30	14.7
3	13	6.4
4	7	3.4
TOTAL	204	100.0

From Family Practice Residency Program, Charlotte Memorial Hospital and Medical Center, Charlotte 28232

Table 2
Notable OB-GYN Histories

More than one previous first-trimester loss	1
Previous second-trimester loss	3
Previous premature delivery	4
Previous stillborn term	3
Previous therapeutic abortion (2 or more)	10
Previous ectopic pregnancy	4
Previous cervical cryo or Laser therapy	5
IUD in place or removed this pregnancy	5
Status post bilateral tubal ligation (twice)	1
TOTAL	36

Table 3
Notable Medical Histories

Smoking		26
Obesity		10
Urinary tract infection, pyelonephritis		10
Hypertension (nonpharmacologic treatment)		5
Thyroid abnormality		5
Hypothyroidism	1	
Nodule	3	
Thyromegaly	1	
Seizure disorder		4
Mitral valve prolapse		4
TOTAL		64

trician. Those with premature contractions without cervical dilatation and one with a symptomatic fibroid required one-time consultation only. The others were followed with continued obstetrical supervision.

Most patients (77.4%) had a normally progressive labor. Twenty-seven (13.3%) had labor augmented with pitocin or breast stimulation,[5] and eleven patients (5.4%) were induced with pitocin or prostaglandin suppositories, all with obstetrical supervision. The majority (87.3%) progressed to spontaneous vaginal delivery. Seven required outlet forceps and two required vacuum extractions. Seventeen (8.3%) were delivered by Caesarian section, performed by the obstetrical house staff with their faculty and private attending supervisors. Third-degree lacerations occurred in 16.9% of vaginal deliveries, fourth-degree in 7.2%, and cervical and vaginal wall lacerations in 2.6% and 3.1%, respectively.

Suspected fetal distress prompted obstetrical consultation in nine cases (4.4%). Four progressed to spontaneous vaginal delivery and had normal Apgar scores. Three were delivered by outlet forceps and had Apgars of 7 or greater at one minute and 9 at five minutes. Two were delivered by Caesarian section, one for prolapsed cord (Apgars 8,9) and one for persistent bradycardia (Apgars 2,7).

Fetal distress was suspected in five other cases which were managed with pitocin after obstetrical consultation (four augmentations, one induction). Two were delivered by Caesarian section, two by outlet forceps, and one by spontaneous vaginal delivery. No infant had an initial Apgar less than 7 or a five-minute Apgar less than 8.

Eleven infants (5.4%) weighed less than five pounds. Four of these were nonviable (three second-trimester losses and one anencephalic). Six were premature (32-36 weeks)

Table 4
Medical Problems During Pregnancy

Anemia (Hgb < 11 gms)	22
Urinary tract infection	16
Pyelonephritis	3
Gestational diabetes	3
Hyperthyroidism	1
Bell's palsy	1
Direct inguinal hernia	1
TOTAL	47

Table 5
Obstetrical Problems Prior to Admission for Delivery

Twin gestation	2
Symptomatic fibroid	1
Premature contractions without cervical dilatation	5
Premature rupture of membranes, resealed	1
Anencephaly	1
Preeclampsia	8
Postdatism	5
TOTAL	23

Table 6
Postpartum Complications

Retained placenta	2
Postpartum hemorrhage	1
Currette for IUD	1
Cervical prolapse	1
TOTAL	5

and one was a term infant who was small for gestational age. Sixteen infants (7.8%) weighed more than nine pounds. Routine screening for gestational diabetes was initiated during the last six months of the three-year study period.

Five consultations (2.4%) were obtained for postpartum complications (table 6). Thirty patients (14.7%) had postpartum tubal ligations.

Overall, consultations were obtained on 83 (40.7%) of the 204 obstetrical patients. Nine patients (4.4%) required prenatal consultation only, 16 patients (7.8%) required prenatal and delivery consultations, and 58 (28.5%) required consultation at the time of delivery only. Four patients were transferred to an obstetrician and are not included in the statistics computed on the 204 patients followed until delivery.

Discussion

The family practice residency program described in this paper is based in a 777-bed community hospital which also has residency programs in seven other disciplines, including obstetrics and gynecology. Only one of the family practice faculty members (the author) had privileges in the Department of Obstetrics and Gynecology during the period of this study. Although this faculty member closely supervised the prenatal care of family practice obstetrical patients, she was not continuously available to the family practice resident on call to assist in the management of patients in labor. In any event, this faculty member does not have privileges to use pitocin, apply outlet forceps, or

manage even mild preeclampsia without consultation. Consultation was most frequently provided by the obstetrical house staff and their faculty and private attending supervisors.

The relatively high consultation rate (40.7%) observed in this study is at least partially explained by the supervisory arrangement at this particular hospital. Even so, in the one previously reported study of a family practice residency obstetrical practice, the reported consultation rate (32%) was not substantially lower.[3] Obstetrical care delivered by relatively inexperienced providers — residents in training — will probably always require the close supervision that this consultation rate reflects. In a residency setting where family physician faculty have privileges to manage common complications without mandatory consultation, the need for the assistance of obstetricians probably would be substantially less. Reports from family physicians in private practice with such obstetrical skills suggest this.[6]

Transfer of a patient initially accepted for obstetrical care by the family practice service to an obstetrician for prenatal care was rare. Complications that occurred in the patients managed by the practice were not predictable or preventable, and consultations were obtained in a timely manner. Although a formal protocol was not used to choose patients accepted for care, virtually all would have been predicted to be in a low-risk group by a recently published antepartum risk-scoring system.[7]

This study demonstrates that family practice residents can provide good-quality obstetrical care for low-risk patients when ready access to obstetrical consultants is available. Residents who are trained in such programs should be studied to confirm that they are able to provide obstetrical care of similar quality in their private practices with the obstetrical consultants available to them there. Demonstrating that family practice residency training is sufficient for graduates to provide competent obstetrical services to appropriately chosen patients is critical if obstetrics is to remain a part of family practice.

References

1. Mehl LE, Bruce C, Renner JH. Importance of obstetrics in a comprehensive family practice. J Fam Pract 1976; 3:385.
2. Goldberg MF. Training family practice residents in university obstetrics-gynecology departments: a national survey. J Fam Pract 1984; 19:162-3.
3. Craig AS, Berg AO, Kirkwood CR. Obstetrical consultations during labor and delivery in a university-based family practice. J Fam Pract 1985; 20:481-5.
4. Nuovo J. Clinical application of a high-risk scoring system on a family practice obstetric service. J Fam Pract 1985; 20:139-44.
5. Curtis P, Evens S, Resnick J, et al. Uterine response to breast stimulation. J Am Col of OB-GYN 1986; 67:25-8.
6. Koning JH. The obstetrical experience of 20 years in one family practice. J Fam Pract 1982; 14:163-71.
7. Edwards LE, Barrada I, Tatreau RW, et al. A simplified antepartum risk-scoring system. Obstet Gynecol 1979; 54:237-40.

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MEDICAL EDUCATION

What Now?

Timothy C. Pennell, M.D.

GRADUATING physician assistants are becoming members of the health care team in strange, uncertain, trying, and changing times, and few of us like change. Some of the currently expressed concerns are:

There is a glut of physicians.

There are diagnosis related groupings, peer review, preadmission approvals, required second opinions, and prepayment groups of every type.

There are frightening decreases in hospital occupancy and daily census.

Employment positions, opportunities, and job descriptions in the medical field are in constant flux.

The cost of education has escalated to the point where recovery of that cost is difficult, at best.

Physician assistants are concerned about their level of experience and about what is expected of them as they enter this new clinical arena.

It does seem truly to be an arena: the total health care team is not only under scrutiny, it is also being attacked from virtually every angle. Areas of especial sensitivity are cost containment, integrity, feelings, dignity, ethics, respect, appreciation, and control of our careers and the cost of our education.

So what does all of this mean to someone beginning his or her career? *What now* for the new physician assistants?

Perhaps Charles Dickens's opening words in *A Tale of Two Cities* — "It was the best of times, it was the worst of times . . ." — apply to every age; they certainly apply now. These concerns can easily make one think that it is "the worst of times." But there is much that is positive in medicine. The technical capabilities, the potential, the threshold on which we stand are mind-staggering. If we can handle the pressures, and if those who are now entering the arena can help us to redirect and to set priorities and to educate those whom we serve and those who attempt to control us, perhaps it will be "the best of times."

In light of that possibility, let us look at some of the expressed concerns of graduating physician assistants.

There is indeed a physician glut. It was structured and planned, and it is working. Because of that glut, those entering the medical field now are looking at a wider variety of options than in the past: research instead of private practice; rural instead of urban practice; and new types of practice such as pre-paid care, care of the indigent, even international health care delivery. Much of this is good, both for the medical profession and for the patients the profession serves. Many of these options have become attractive, fashionable, and rewarding. Those involved in health care delivery are being brought to a reassessment of values, to a shift of emphasis away from personal income, salary demands, and the most "desirable" locations for practice. There is plenty of room still in the medical profession for the qualified, energetic, creative, and innovative physician. Patients are still sick, and are still expecting health care delivery of the best possible kind, albeit perhaps unrealistically.

All of these options are available to physician assistants as well. The physician glut will expand rather than diminish their potential areas of involvement and service. Rather than the traditional primary care roles for physician assistants, such as family practice, pediatrics, and general medicine, there will be a shift again toward specialization. Physician assistants will be called upon to participate in specialty care of many types: coronary care; intensive care; rehabilitation; burn care; occupational health; health maintenance organizations (and all other types of pre-payment groups); orthopedics and all other surgical specialties; and the partially overlapping fields of oncology and geriatrics (particularly in hospices and nursing homes, which need a wide range of high-quality medical care). The demands for specialty care and specialty groups will increase greatly in the remainder of this century.

The postgraduate training of physician assistants will be on-the-job, preceptorial arrangements, and the medical profession as a whole will benefit markedly from this change. Little routine care will be done in general hospitals; admissions for "routine diagnosis" are over.

Industries will continue to influence changes in types of care, since they want for their employees the least expensive care they can purchase. However, unless good quality is the central issue, the quality of the employees' medical care can suffer. Polyester is not a substitute for cotton, but some of the blended fabrics may have the best characteristics of both. Somewhere, perhaps, there is an acceptable blend of good-quality medical care and affordable medical care. Our challenge and responsibility collectively will be to find it. *Collectively* is the key word here.

What about the cost of a postgraduate education? Who will pay for it? Physician assistants are not alone, and this problem is not uniquely theirs. It is a problem that we must address collectively: provider, educator, consumer, third party, industry, government — *all* of us, collectively.

Now, as far as the experience level of new graduates is concerned and what will be expected of them, I will simply say I have little worry there. They have been given good

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basics. They can and will build upon what they now have at hand and in their minds. Such building will come only with perseverance. Perseverance in continuing to expand one's education — in always being a learner. Perseverance and learning — those are the hallmarks of the contributors, the doers, the leaders, the accomplishers in health care delivery.

Physician assistants begin their careers with a clearly established identity and profession. Those who preceded them over the past twenty years have accomplished this. New graduates should be grateful and proud.

Making this "the best of times" is not going to be easy, and some say it is impossible. But if, collectively, we dare to attempt it, the following are the things I think are most essential:

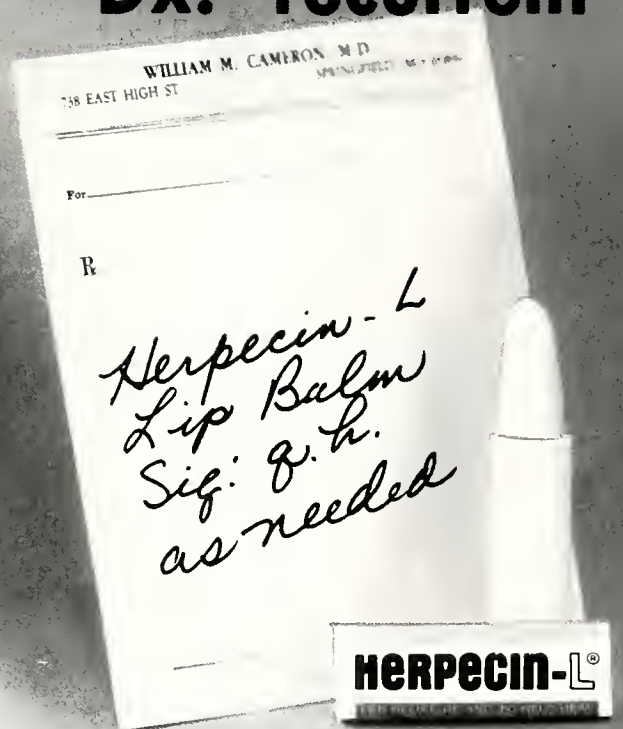
First, we must not lose sight of what the practice of medicine is all about. It is taking a sick person, making that person well and keeping that person well; or, if our treatment fails, then continuing to care about him or her. It is nothing more, and it is nothing else. Obviously, there are many levels involved, from examining and wiping a runny nose to working with O_2 dismutase in the test tube or in a septic and terminally ill patient in the intensive care unit. But if there is no patient orientation — if patient care is not the end product — then it isn't medicine. Therefore, everything we do must be patient-oriented, and it must be total patient care — physical, mental, and spiritual.

Second, we, the health care providers, must be ombudsmen and advocates for the patients. Their needs and their concerns as regards their care must always be first and foremost.

Finally, we must have the proper spirit, attitude, commitment, priorities, and values in life. There is One who exemplifies these virtues. Living as advocated, taught, and demonstrated by Christ, regardless of our heritage or religious convictions, would enable us to resolve the personal conflicts, mistrust, ill will, and injustices that threaten to make this "the worst of times."

With these basic premises and with an abundance of training and knowledge, it is up to the new physician assistants to join those of us already in the medical profession to address and to deal collectively with what is best for the patients we currently serve and those we will be called upon to serve in the future.

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CORTISPORIN® OTIC Suspension Sterile (Polymyxin B-Neomycin-Hydrocortisone) **Description:** Each cc contains: Aerosporin® (Polymyxin B Sulfate) 10,000 units. Neomycin sulfate (equivalent to 3.5 mg neomycin base) 5 mg.Hydrocortisone 10 mg (1%). The vehicle contains the inactive ingredients cetyl oicohol, propylene glycol, polysorbate 80, water for injection and thimerosal (preservative) 0.01%. **Indications:** For the treatment of superficial bacterial infections of the external auditary canal caused by organisms susceptible to the action of the antibiotics, and for the treatment of infections of mastoidectomy and fenestration cavities caused by organisms susceptible to the antibiotics. **Precautions:** This drug should be used with care in cases of perforated eardrum and in long-standing cases of chronic otitis media because of the possibility of ototoxicity caused by neamycin. **CORTISPORIN® OTIC Solution** Sterile (Polymyxin B-Neomycin-Hydrocortisone) **Description:** Each cc contains: Aerosporin® (Polymyxin B Sulfate) 10,000 units. Neomycin sulfate (equivalent to 3.5 mg neamycin base) 5 mg. Hydrocortisone 10 mg (1%). The vehicle contains the inactive ingredients cupric sulfate, glycerin, hydrochloric acid, propylene glycol, water for injection and potassium metabisulfite (preservative) 0.1%. **Indications:** For the treatment of superficial bacterial infections of the external auditory canal caused by organisms susceptible to the action of the antibiotics. **Precautions:** This drug should be used with care when the integrity of the tympanic membrane is in question because of the possibility of ototoxicity caused by neamycin. **Adverse Reactions:** Stinging and burning have been reported when this drug has gained access to the middle ear. **Contraindications, Warnings, Precautions and Adverse Reactions Common to Both Products. Contraindications:** These products are contraindicated in those individuals who have shown hypersensitivity to any of the components, and in herpes simplex, vaccinia and varicella. **Warnings:** As with other antibiotic preparations, prolonged treatment may result in overgrowth of nonsusceptible organisms and fungi. If the infection is not improved after one week, cultures and susceptibility tests should be repeated to verify the identity of the organism and to determine whether therapy should be changed. When using neamycin-containing products to control secondary infection in the chronic dermatoses, such as chronic otitis externa, it should be borne in mind that the skin in these conditions is more liable than is normal skin to become sensitized to many substances, including neomycin. The manifestation of sensitization to neomycin is usually a low grade reddening with swelling, dry scaling and itching; it may be manifest simply as a failure to heal. During long-term use of neamycin-containing products, periodic examination for such signs is advisable and the patient should be told to discontinue the product if they are observed. These symptoms regress quickly on withdrawing the medication. Neamycin-cantaining applications should be avoided for that patient thereafter. **Precautions:** If sensitization or irritation occurs, medication should be discontinued promptly. Patients who prefer to warm the medication before using should be cautioned against heating the solution above body temperature, in order to avoid loss of potency. Treatment should not be continued for longer than ten days. Allergic cross-reactions may occur which could prevent the use of any or all of the following antibiotics for the treatment of future infections: kanamycin, paramamycin, streptomycin, and possibly gentamicin. **Adverse Reactions:** Neomycin is a not uncommon cutaneous sensitizer. There are articles in the current literature that indicate an increase in the prevalence of persons sensitive to neamycin.*





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Caution: If perforation of the eardrum exists, specify Cortisporin Otic Suspension (This drug should be used with care in cases of perforated eardrum).

B6COR4

Remember to write, "DO NOT SUBSTITUTE."

We Are All Trying to Survive

Mrs. Jan Schnell, Chairman, Communications

IS it medically, ethically, psychologically feasible to . . . ? mentally and rationally, should I . . . ? Our lives used to be structured and sure; now it's questions, malpractice, suspicious patients, "marketing," P.R., government intervention, fees (and lack of them), spouses working out of need, HMOs, etc., etc.

What is all this world of medical struggle coming to and where are we going personally? The 25s: heady, long hours, broke. The 35s: fresh, new, challenging, superiority? The 45s: solid, or am I? Is that new M.D. more threatening than subservient? The 55s: Lord, is this the promised land? Alcoholism, divorce, insecurity, doctor vs. doctor, who's bleeding whom? Too many patients, too few, not enough time, high tech, management systems, computers.

Spouses can and are an integral connecting link to necessary information and positive public relations within our community. It's more pronounced and dramatic than ever because as each new law comes into focus, our lives change dramatically and our office too, but these laws can be stricken down or altered through informed spouses involved in a strong N. C. Medical Society Auxiliary. With knowledge and understanding of wise fiscal management of home and office, we learn to deal with the current myriad of forms and nomenclatures, strive to stay on top of and informed of the latest in: insurance structures, preparing for medical or death catastrophe, getting positive and constructive P.R. to the newspapers and publications, and legislators. Tall orders? Yes, but we're attacking and working diligently in the N. C. Medical Society Auxiliary.

We are spouses first, mothers or fathers second, career people, striving to conquer ignorance in health, aid our spouses and co-members with information, love, patience and guidance.

Can there be cause to criticize our lack of encouragement and support? Encourage your spouse to join in our efforts — there's effectiveness in numbers.

We're not just trying to survive — *we're survivors!!*

For more information on how to join your local N. C. Medical Society Auxiliary, write or phone:

Mona Sauls, N. C. Medical Society Auxiliary
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Raleigh 27611
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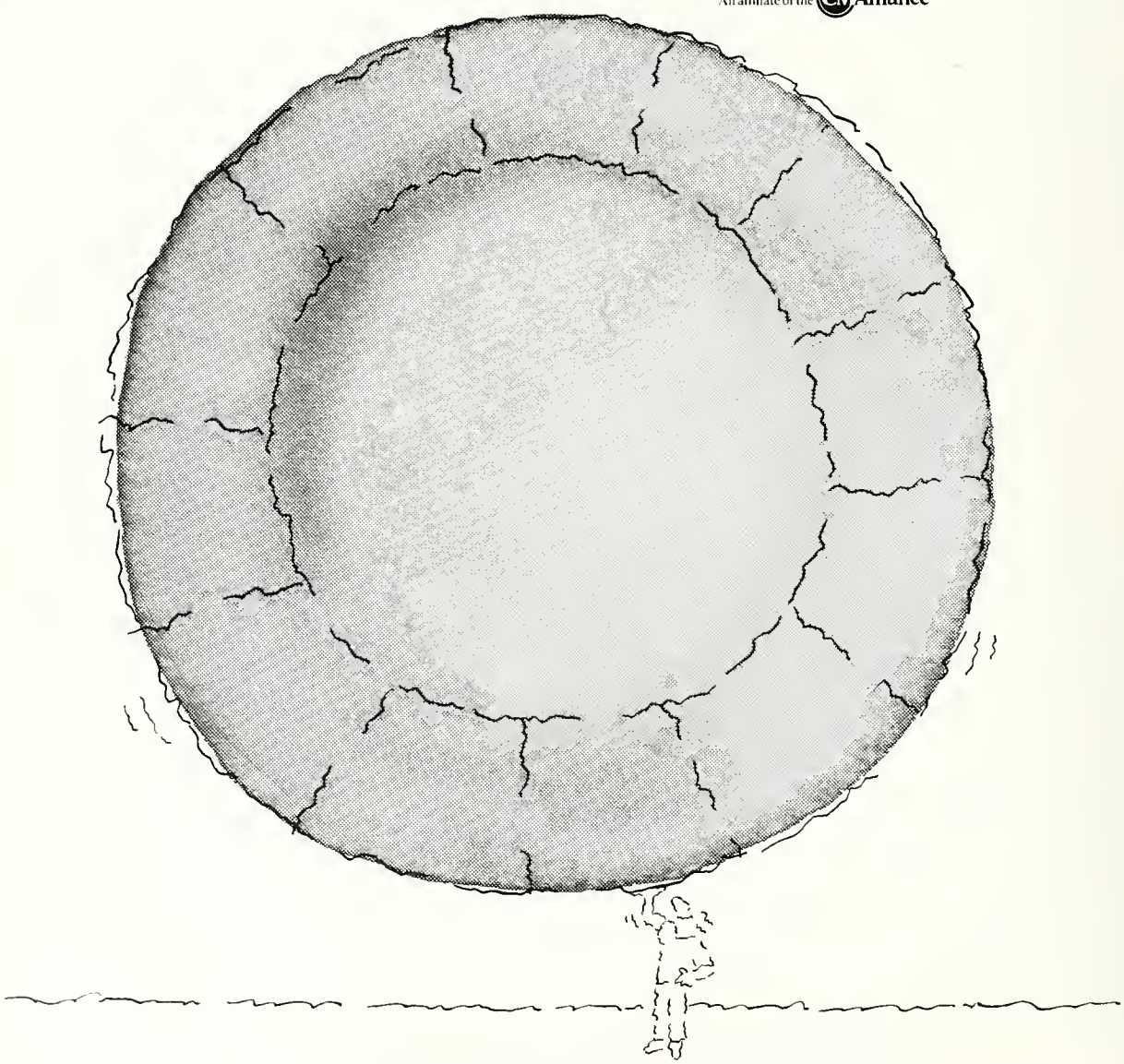
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Letters to the Editor

In Defense of Contingent Fees

To the Editor:

Amidst all the clamor about the rising cost of medical care in this country, I would like to offer a modest proposal that would not only reimburse physicians more fairly for their services, but would also take çare of the impending surplus of physicians as well. My proposal is that physicians be reimbursed on a contingent fee basis, just like our brethren, the trial lawyers. Let me explain how this proposal would work.

Every medical diagnosis would be assigned a specific pain and suffering quotient (otherwise known as PSQ). A physician would then be reimbursed a certain percentage of the PSQ. For example, if a patient has acne, the amount of pain and suffering that he might endure over his lifetime would be calculated, and the physician paid on the basis of how well he relieved and prevented the patient's pain and suffering.

An exception to this rule would be a patient with a life-threatening illness, where in the interest of fairness, pain and suffering would only be charged to the patient's family, friends, and relatives. The patient himself would just pay the physician a fixed percentage of his lifetime earnings (otherwise known as LTE). For example, a patient with a ruptured appendix would be charged 30 to 50 percent of his lifetime earnings by the physician (I am certain that the American Trial Lawyers Association will be happy to help us set an appropriate percentage), while his family, friends, and relatives would be charged a lesser percentage for the relief of their pain and suffering (providing, of course, that they wanted the patient to live).

Now I know that this proposal will be criticized by those who say that it might be difficult to determine pain and suffering and lifetime earnings, but, fortunately, our legal system has already given us many courtroom examples upon which to base our figures. If a patient should claim that he did not get well at all during the course of his therapy (a very unlikely occurrence), a sliding scale could be employed to determine the physician's proper compensation.

One other objection to this proposal might arise if a patient had the audacity not to respond to proper medical therapy, and, in fact, was ill-mannered enough to die. Under these circumstances his pain and suffering would have ended, and some would argue that the physician should therefore be reimbursed his full PSQ percentage. Others of different religious persuasion might claim that the patient's final pain and suffering would be determined by where he has been assigned to spend the Hereafter. I will leave the resolution of this philosophical argument to the Higher Authorities with L.L.D. after their names.

Now you may ask how this proposal would eliminate the impending physician surplus. The answer, of course, lies in the method of reimbursement. I calculate that a good doctor could probably retire from active practice under this system of reimbursement in approximately four weeks, while an average doctor might take a little longer. After they retire new physicians would spring up to fill the void, forever preventing a physician surplus.

In conclusion, I hope that the public will seriously consider this modest proposal. I think it is time for all of us to stop criticizing the trial lawyers in this country, for they have not only developed but perfected a uniquely fair system of reimbursement - the contingent fee.

William M. Hendricks, M.D.
Asheboro Dermatology Clinic, P.A.
407 South Cox Street
Asheboro 27203-5496

On an Error in Our Journal

To the Editor:

I read with fascination the article by Dr. McLeod on the irritable bowel syndrome in the May issue (NCMJ 1986;47:245-8). (I'm a little behind in my reading).

"Pain, diarrhea and dysphagia are not real." This must be a typographical error, but if it is not, I should be most interested to know Dr. McLeod's definition of reality.

I appreciated very much his noting that "depression appears to be one of the most commonly missed diagnoses by internists." You may recall that I was taken to task by Dr. Margolis for similar implications in earlier correspondence with the Journal.

I'm amazed that Dr. McLeod would leave out a section on the small bowel in a chapter pertaining to the compli-

To Our Readers

The management of the *North Carolina Medical Journal* has undergone some change in recent months. Patricia Hodgson, former managing editor, has moved on to a position as director of communications for the North Carolina Medical Society in Raleigh. Laurel Ferejohn, an experienced editor most recently employed by the journal *Signs,* has become managing editor of the *Journal*. We hope the transition was so smooth that no one noticed the change.

Dr. Stead, Dr. Neelon and Ms. Ferejohn continue to run the *Journal* from their offices at Duke University Medical Center. Neither addresses nor telephone numbers for them have changed.

cated medical patient. He obviously deals beautifully with the limitations of our understanding, and as we understand so little of small bowel function and dysfunction, I should have thought that he would at least mention this, the longest part of the gut.

John R. Dykers, Jr., M.D.
P.O. Box 565
Siler City 27344

Dr. McLeod's Reply

This certainly is a typographical error and the statement should read "pain, diarrhea and dysphagia are real." The entire article was dedicated to the fact that these patients are having real symptoms and not imaginary. I would appreciate anything you could do to correct this.

There is too little known about small bowel motility in regard to their genesis of symptoms in functional bowel syndrome to discuss in an article like this.

Michael E. McLeod, M.D.
Duke University Medical Center
Durham 27710

Apology

We regret the error and apologize to Dr. McLeod and our readership.

A Letter to North Carolina Physicians From the North Carolina Industrial Commission

The North Carolina Industrial Commission's revised Medical Fee Schedule became effective on July 1, 1986. All bills received on or after that date will be approved in accordance with this revised schedule.

Each section of the previous schedule was reviewed with regard to charges and procedures. Appropriate increases in many of the fees were included in the new schedule. Additionally, the travel allowance for sick travel has been decreased to 20 cents per mile from the 25 cents previously authorized. Please correct the form 25Ts prior to submitting them to the Commission for processing.

The schedule has been dramatically redesigned and is in a looseleaf format that lends itself to the easy updating of individual pages. The Rating Guide has also been included at the beginning of the new schedule. The price is $17.50 + 4.5% sales tax which includes a solid vinyl GBC binder that should last through many years of updated schedules. Your copy of the new schedule can be obtained by forwarding your check with your request to:

Ms. Kay Emanuel
North Carolina Industrial Commission
430 North Salisbury Street
Raleigh 27611

On the Training and Licensing of Lay Persons To Administer Epinephrine

To the Editor:

For years I worked to get legislation passed in North Carolina dealing with the training and licensing of individuals to be able to carry and administer epinephrine in emergency situations when someone is suffering from anaphylaxis due to an insect sting. This bill has now been passed, but an important part remains to be done - making the public aware of its passage, and of where training can be obtained for those who need (or want) to take part. This includes persons such as park rangers, teachers, school personnel - even law enforcement officers.

I have put together a training program, complete with slides. This program must be conducted by a physician. It takes only a short time to be trained, and a certificate is awarded upon completion, enabling them to carry and use the emergency insect sting kit. The certificate allows those who finish the course to be licensed.

Because of the great need for these people to be trained and licensed, training programs must be made available in all areas of our state. The AMA and other medical societies have backed my proposal, and even drew up a model bill for state legislatures to use as a guideline. Now it is up to us as physicians to offer the training programs to get the public aware, trained and licensed to deal with these emergencies. We need to emphasize the dangers of anaphylactic reaction, and how many lives can be saved each year from this life-threatening problem.

I will be glad to offer copies of the training program I have put together to anyone who would like to set up one of these sessions in their area. I would also like to offer my services to physicians, either as a consultant or to conduct the program, or merely to explain the processes involved in establishing training.

Please feel free to contact me here at my office (704/253-1162) or at home (704/274-3505) if you have any questions, or if I can be of assistance in any way.

Claude A. Frazier, M.D.
Doctors Park - Bldg. 4
Asheville 28801

Thanks

To Patricia K. Hodgson, (former) Managing Editor:

I just wanted to drop you a line to tell you that we were all very impressed with the cover of the issue which contained Steve Joyner's article (1986; 47:193-5; "The Carolina Organ Procurement Agency").

Linda Woodson
Administrative Secretary,
Carolina Organ Procurement Agency
400 Eastowne Drive, Suite 109
Chapel Hill 27514

A Language Barrier

To Donald K. Wallace, M.D.

I wish I spoke "DRG." Like most nonbureaucrats, I don't know my 171.3 from the proverbial hole in the ground.

This morning I received from Medical Review of North Carolina, Inc., over your signature, a letter stating as follows:

> Medical Review of North Carolina has reviewed the billing diagnoses for this admission to the hospital and has determined that the following diagnoses and procedures should be used for reimbursement for this case:

Diagnoses: 171.3 173.7 730.16
Procedures: 83.39 86.3 77.67
DRG change is due to coding guidelines to code as specifically as chart documentation. Code 77.67 added.

This may be perfectly fine. I really can't tell from your letter what you think the proper coding should be.

Would it be too much trouble to use plain English or straightforward medical terminology in these letters? I suspect that the reason this is not done is to discourage us from recognizing and appealing bureaucratic decisions. I can see no other reason for Medical Review of North Carolina, Inc., to try and hide its actions behind a barrage of numbers.

Please consider this a request to speak English rather than DRG or CPT when it is necessary to communicate with those of us in the trenches.

Charles Davant, III, M.D.
Blowing Rock Hospital
P.O. Box 148
Blowing Rock 28605

Reply to Dr. Davant

Dr. Davant's letter, addressed to Dr. Wallace, has been referred to me for reply.

MRNC is very aware of the problems created by the requirement that we notify attesting physicians of DRG and Coding changes. These relate to the billing diagnoses and procedures used for reimbursement to the hospital. The principles used in coding diagnoses and procedures are based upon standards adopted and used by hospitals throughout the United States.

Coding principles and practices are a highly specialized area of knowledge which are usually understood only by those medical record specialists who have made a career of this field of knowledge. More often than not, the changes made do not affect reimbursement to the hospital, although they may increase or decrease the reimbursement in occasional cases. Rather, these changes do result in an accuracy and consistency of diagnoses for medical record purposes.

MRNC is required by regulation to notify the attesting physician of the DRG and/or coding changes since it does alter the diagnoses and conditions to which he has attested.From the start of the program, physicians have been letting us know how difficult it is to understand DRG-ese and decimal numbers which are meaningless to them. I share this same lack of understanding.

MRNC is attempting to develop a mechanism for communicating the required information to physicians in a manner which will make it reasonably understandable, still using the universally accepted terminology. We must use DRG and CPT-ese but hope to anglicize it for physicians in the not too distant future.

Ralph E. Snyder, M.D.
Medical Review of North Carolina, Inc.
P.O. Box 37309
Raleigh 27627

Some Letters of Appreciation

To the Editor:

I thoroughly enjoyed reading Dr. James P. Weaver's editorial in the June issue (NCMJ 1986;47:313-4). I fully agree with Dr. Weaver's assertions. In my own practice, we have composed a letter which we give to our patients at the beginning of our relationship. Since it may be of use to colleagues I include it here. Anyone is free to reproduce and use this letter if they find it beneficial in their practice. It is not copyrighted.

To My Patients:

We have always treated our patients without regard to their insurance coverage. Today you have many insurance choices for the payment of health care services - most of which are extremely complex. You can be assured that we will continue to treat you as we have always done in the past. As the patrons or "customers" of your health carrier, you are in the most reasonable position to meet your carrier's requirement(s) for second opinions, pre-admission certification, etc. Please remember that you are responsible to make sure these requirements are met and that ultimate financial responsibility lies with you. If you have any questions please feel free to ask.

Assad Meymandi, M.D.
Cape Fear Neuropsychiatric Associates, P.A.
1212 Walter Reed Road
Fayetteville 28304

To Dr. John V. Verner

As a student I knew you were exceptional and I tried to talk you into pediatrics (succeeded with Matt Spach) and after reading "Ideas on Wellness" in the July issue of the North Carolina Medical Journal (1986;47:355-60), I can see that you have fulfilled all and more of my expectations as the "Compleat" (Davison's spelling) physician. Thank you for this warm and sensitive article and for making my day.

My fond regards and best wishes to you, Skippy and the family.

Jay M. Arena, M.D.
Duke University Medical Center
Durham 27710

To Dr. John V. Verner

I really enjoyed your recent article, "Ideas on Wellness," in the North Carolina Medical Journal. It should be extremely valuable for patients and physicians. I intend to make copies and distribute it to some of my favorite people.

I hope you get back to Duke this fall.

Ewald W. Busse, M.D.
Associate Provost & Dean Emeritus
J.P. Gibbons Professor of Psychiatry
Duke University Medical Center
Durham 27710

Suggested Reading

To the Editor:

As a member of the N.C. Board of Medical Examiners,

I am privileged to read the *N.C. Board of Pharmacy News* published by the N.C. Board of Pharmacy and the National Association of Boards of Pharmacy Foundation, Inc.

Although not many of our members would find things pertinent to their needs, there were certain things in the July 1986 issue which I think would be of interest to many of our members:

1. The Products Selection Law contemplates that the decision on using a brand or generic drug on any given prescription will be between the prescriber and the pharmacist. Although the wishes of the consumer would be seriously considered, the consumer does not have the final decision on the drug to be used. State statute leaves this entirely to the prescriber and the pharmacist. The consumer is not always in the best position to make the products selection decision.

2. The Pharmacy Practice Act specifies "prescriptions marked PRN shall not be refilled more than one year after the date issued by the prescriber unless otherwise specified." However, there are occasions where prescribers would indicate "PRN for 3 years" in which case the prescription could be refilled for the designated three year period.

3. The National Association of Boards of Pharmacy had its annual meeting in Philadelphia on May 17-21, and the speaker, Stephen Barrett, M.D., stated as follows: "Only people who are grossly malnourished need multi-vitamin supplements. People who have a normal everyday diet simply don't need this nutritional insurance." Dr. Barrett said that pharmacists are engaging in health fraud by recommending and selling vitamin supplements.

He also felt that a second form of quackery involves stress formula vitamins, there being no evidence that vitamins have anything to do with standing stress.

4. Another speaker, John Renner, M.D., advised pharmacists to look at and think about some of the products they are selling, listing the following as worthless, "quack" products commonly available in pharmacies:

Bee Pollen	Zinc
Grapefruit Diet Formula	Garlic
Alfalfa Tablets	Bone Meal
Ginseng	Dolomite
Selenium	Sea Salt

5. The National Association of Boards of Pharmacies General Counsel, John F. Atkinson, reviewed a 1985 court case, Jones vs. Irvin, in which a customer who had become addicted to Placidyl was suing K-Mart and the pharmacist there for dispensing this drug when they should have known it was dangerous. The Court decided "the pharmacist has no duty to warn the customer or notify the physician that the drug is being prescribed in dangerous amounts, that the customer is being over-medicated or that the various drugs in their prescribed quantities could cause adverse reactions to the customer."

The legal principles enunciated by the Court seemed to support the proposition that in most instances, the pharmacist need only be able to *read, count,* and *pour.*

The attorney indicates: "This attitude would certainly not be in synch with what we perceive to be the traditional professional responsibilities of a dedicated pharmacist."

6. Child resistant closures are acknowledged to save hundreds of thousands of children's lives. However, some people at the age likely to have grandchildren, have great difficulty opening these containers and request non-safety closure packaging.

In a study in Alabama, 36 percent of ingestions by children of prescription drugs occurred in the homes of grandparents.

Eban Alexander, Jr., M.D.
The Bowman Gray School of Medicine
Winston-Salem 27103

Comment on Dr. Quigless's Article

To the Editor:

I feel compelled to comment on the case report by Dr. Quigless in the May issue of the NCMJ (47:249-51). Although the references are not listed at the end of the article, I am one of the authors quoted in the text, on page 251.

The management of this patient includes a description of initial laboratory results, but gives no data as to his hemodynamic status at the time of admission or during his subsequent hospital stay. We know that his hemoglobin fell from a level of 14.1 to 10, which would suggest at least a three-unit blood loss. CT scan of the abdomen revealed both liver and spleen injury with evidence of bleeding from both organs. The patient had a seven-day hospital course and was subsequently discharged. The follow-up on this patient was limited to less than two months, and it is unlikely that further information will be obtained regarding this patient.

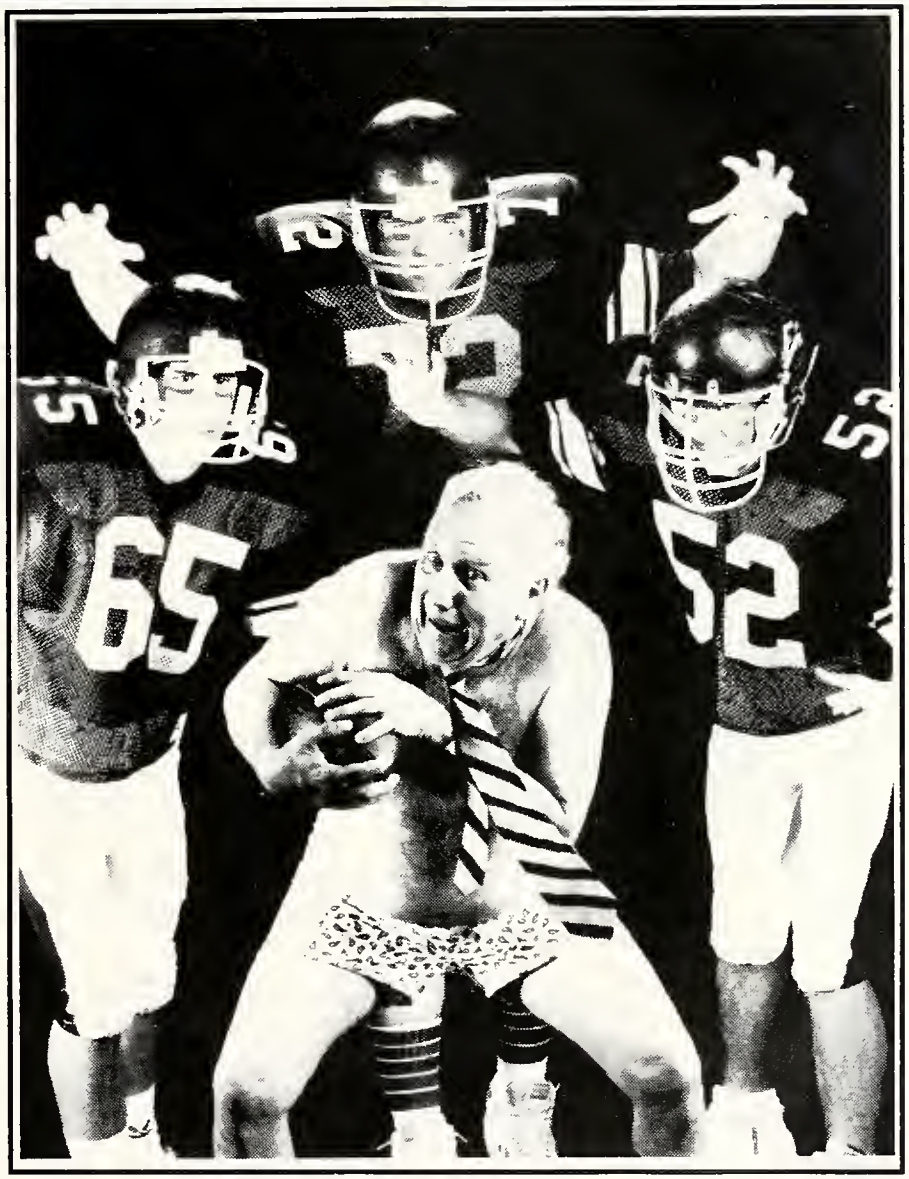
The literature review by Dr. Quigless includes several studies on non-operative management of splenic injury, and my study of selective non-operative management of limited blunt liver injuries. I know of no studies that recommend non-operative management of multiple organ injuries. The quote of Dr. Shandling that splenic bleeding stops, as kidney bleeding stops, is fallacious in that the kidney is surrounded by limited space in Girota's fascia, whereas the spleen has no limiting space, other than the entire peritoneal cavity. In my study of liver injuries, these patients were all managed at a Level I trauma center in San Francisco, and no patient had evidence of significant interabdominal hemorrhage as did this patient.

I believe it is possible to manage certain, *very* select, patients with abdominal injuries non-operatively. However, I believe this must be done in a Level I or 2 trauma center, where the capacity for immediate surgical exploration, immediate blood bank support, and significant experience in trauma by all physicians and support personnel are present. I would caution any surgeon managing patients in such a manner in facilities where these resources are not present to consider either direct operative repair or transfer to a Level I or 2 trauma center. Dr. Quigless appears to have had a good result with the management of this patient, but I personally would have operated on him, despite my experience in non-operative management of abdominal injuries.

Anthony A. Meyer, Ph.D., M.D.
Director, Surgical Intensive Care Unit
Medical Director of Critical Care
The University of North Carolina
Chapel Hill 27514

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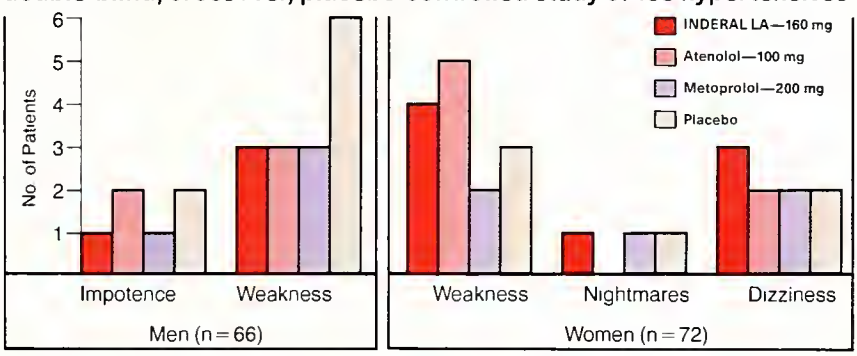
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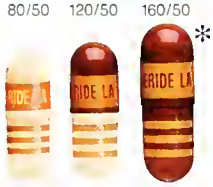
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Hydrochlorothiazide: Hydrochlorothiazide is contraindicated in patients with anuria or hypersensitivity to this or other sulfonamide-derived drugs.

WARNINGS

Propranolol hydrochloride (INDERAL® LA): CARDIAC FAILURE: Sympathetic stimulation may be a vital component supporting circulatory function in patients with congestive heart failure, and its inhibition by beta blockade may precipitate more severe failure. Although beta blockers should be avoided in overt congestive heart failure, if necessary, they can be used with close follow-up in patients with a history of failure who are well compensated, and are receiving digitalis and diuretics. Beta-adrenergic blocking agents do not abolish the inotropic action of digitalis on heart muscle.

IN PATIENTS WITHOUT A HISTORY OF HEART FAILURE, continued use of beta blockers can, in some cases, lead to cardiac failure. Therefore, at the first sign or symptom of heart failure, the patient should be digitalized and/or treated with diuretics, and the response observed closely, or propranolol should be discontinued (gradually, if possible).

IN PATIENTS WITH ANGINA PECTORIS, there have been reports of exacerbation of angina and, in some cases, myocardial infarction following *abrupt* discontinuance of propranolol therapy. Therefore, when discontinuance of propranolol is planned the dosage should be gradually reduced and the patient carefully monitored. In addition, when propranolol is prescribed for angina pectoris, the patient should be cautioned against interruption or cessation of therapy without the physician's advice. If propranolol therapy is interrupted and exacerbation of angina occurs, it usually is advisable to reinstitute propranolol therapy and take other measures appropriate for the management of unstable angina pectoris. Since coronary artery disease may be unrecognized, it may be prudent to follow the above advice in patients considered at risk of having occult atherosclerotic heart disease who are given propranolol for other indications.

THYROTOXICOSIS: Beta blockade may mask certain clinical signs of hyperthyroidism. Therefore, abrupt withdrawal of propranolol may be followed by an exacerbation of symptoms of hyperthyroidism, including thyroid storm. Propranolol does not distort thyroid function tests.

IN PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME, several cases have been reported in which, after propranolol, the tachycardia was replaced by a severe bradycardia requiring a demand pacemaker. In one case this resulted after an initial dose of 5 mg propranolol.

MAJOR SURGERY: The necessity or desirability of withdrawal of beta-blocking therapy prior to major surgery is controversial. It should be noted, however, that the impaired ability of the heart to respond to reflex adrenergic stimuli may augment the risks of general anesthesia and surgical procedures.

Nonallergic Bronchospasm (eg, chronic bronchitis, emphysema)— PATIENTS WITH BRONCHOSPASTIC DISEASES SHOULD, IN GENERAL, NOT RECEIVE BETA BLOCKERS. INDERAL should be administered with caution, since it may block bronchodilation produced by endogenous and exogenous catecholamine stimulation of beta receptors.

DIABETES AND HYPOGLYCEMIA: Beta-adrenergic blockade may prevent the appearance of certain premonitory signs and symptoms (pulse rate and pressure changes) of acute hypoglycemia in labile insulin-dependent diabetes. In these patients, it may be more difficult to adjust the dosage of insulin. Hypoglycemic attacks may be accompanied by a precipitous elevation of blood pressure.

Hydrochlorothiazide: Thiazides should be used with caution in severe renal disease. In patients with renal disease, thiazides may precipitate azotemia. In patients with impaired renal function, cumulative effects of the drug may develop.

Thiazides should also be used with caution in patients with impaired hepatic function or progressive liver disease, since minor alterations of fluid and electrolyte balance may precipitate hepatic coma.

Thiazides may add to or potentiate the action of other antihypertensive drugs. Potentiation occurs with ganglionic or peripheral adrenergic-blocking drugs.

Sensitivity reactions may occur in patients with a history of allergy or bronchial asthma.

The possibility of exacerbation or activation of systemic lupus erythematosus has been reported.

PRECAUTIONS

Propranolol hydrochloride (INDERAL® LA): GENERAL: Propranolol should be used with caution in patients with impaired hepatic or renal function. Propranolol is not indicated for the treatment of hypertensive emergencies.

Beta-adrenoreceptor blockade can cause reduction of intraocular pressure. Patients should be told that propranolol may interfere with the glaucoma screening test. Withdrawal may lead to a return of increased intraocular pressure.

CLINICAL LABORATORY TESTS: Elevated blood urea levels in patients with severe heart disease, elevated serum transaminase, alkaline phosphatase, lactate dehydrogenase.

DRUG INTERACTIONS: Patients receiving catecholamine-depleting drugs, such as reserpine, should be closely observed if propranolol is administered. The added catecholamine-blocking action may produce an excessive reduction of resting sympathetic nervous activity, which may result in hypotension, marked bradycardia, vertigo, syncopal attacks, or orthostatic hypotension.

CARCINOGENESIS, MUTAGENESIS, IMPAIRMENT OF FERTILITY: Long-term studies in animals have been conducted to evaluate toxic effects and carcinogenic potential. In 18-month studies, in both rats and mice, employing doses up to 150 mg/kg/day, there was no evidence of significant drug-induced toxicity. There were no drug-related tumorigenic effects at any of the dosage levels. Reproductive studies in animals did not show any impairment of fertility that was attributable to the drug.

PREGNANCY: Pregnancy Category C. Propranolol has been shown to be embryotoxic in animal studies at doses about 10 times greater than the maximal recommended human dose. There are no adequate and well-controlled studies in pregnant women. Propranolol should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

NURSING MOTHERS: Propranolol is excreted in human milk. Caution should be exercised when propranolol is administered to a nursing mother.

PEDIATRIC USE: Safety and effectiveness in children have not been established.

Hydrochlorothiazide: GENERAL: Periodic determination of serum electrolytes to detect possible electrolyte imbalance should be performed at appropriate intervals.

All patients receiving thiazide therapy should be observed for clinical signs of fluid or electrolyte imbalance, namely: Hyponatremia, hypochloremic alkalosis, and hypokalemia. Serum and urine electrolyte determinations are particularly important when the patient is vomiting excessively or receiving parenteral fluids. Medication such as digitalis may also influence serum electrolytes. Warning signs irrespective of cause are: Dryness of mouth, thirst, weakness, lethargy, drowsiness, restlessness, muscle pains or cramps, muscular fatigue, hypotension, oliguria, tachycardia, and gastrointestinal disturbances such as nausea and vomiting.

Hypokalemia may develop, especially with brisk diuresis, when severe cirrhosis is present, or during concomitant use of corticosteroids or ACTH.

Interference with adequate oral electrolyte intake will also contribute to hypokalemia. Hypokalemia can sensitize or exaggerate the response of the heart to the toxic effect of digitalis (eg, increased ventricular irritability). Hypokalemia may be avoided or treated by use of potassium supplements, such as foods with a high potassium content.

Any chloride deficit is generally mild and usually does not require specific treatment, except under extraordinary circumstances (as in liver or renal disease). Dilutional hyponatremia may occur in edematous patients in hot weather; appropriate therapy is water restriction, rather than administration of salt, except in rare instances when the hyponatremia is life-threatening. In actual salt depletion, appropriate replacement is the therapy of choice.

Hyperuricemia may occur or frank gout may be precipitated in certain patients receiving thiazide therapy.

Insulin requirements in diabetic patients may be increased, decreased, or unchanged. Diabetes mellitus which has been latent may become manifest during thiazide administration.

If progressive renal impairment becomes evident, consider withholding or discontinuing diuretic therapy.

Thiazides may decrease serum PBI levels without signs of thyroid disturbance.

Calcium excretion is decreased by thiazides. Pathologic changes in the parathyroid gland with hypercalcemia and hypophosphatemia have been observed in a few patients on prolonged thiazide therapy. The common complications of hyperparathyroidism, such as renal lithiasis, bone resorption, and peptic ulceration, have not been seen. Thiazides should be discontinued before carrying out tests for parathyroid function.

DRUG INTERACTIONS: Thiazide drugs may increase the responsiveness to tubocurarine.

The antihypertensive effects of thiazides may be enhanced in the postsympathectomy patient. Thiazides may decrease arterial responsiveness to norepinephrine. This diminution is not sufficient to preclude effectiveness of the pressor agent for therapeutic use.

PREGNANCY: Pregnancy Category C. Thiazides cross the placental barrier and appear in cord blood. The use of thiazides in pregnancy requires that the anticipated benefit be weighed against possible hazards to the fetus. These hazards include fetal or neonatal jaundice, thrombocytopenia, and possibly other adverse reactions which have occurred in the adult.

NURSING MOTHERS: Thiazides appear in human milk. If use of the drug is deemed essential, the patient should stop nursing.

PEDIATRIC USE: Safety and effectiveness in children have not been established.

ADVERSE REACTIONS

Propranolol hydrochloride (INDERAL® LA): Most adverse effects have been mild and transient and have rarely required the withdrawal of therapy.

Cardiovascular: Bradycardia, congestive heart failure, intensification of AV block, hypotension, paresthesia of hands; thrombocytopenic purpura, arterial insufficiency, usually of the Raynaud type.

Central Nervous System: Lightheadedness, mental depression manifested by insomnia, lassitude, weakness, fatigue, reversible mental depression progressing to catatonia, visual disturbances, hallucinations, an acute reversible syndrome characterized by disorientation for time and place; short-term memory loss, emotional lability; slightly clouded sensorium; and decreased performance on neuropsychometrics.

Gastrointestinal: Nausea, vomiting, epigastric distress, abdominal cramping, diarrhea, constipation, mesenteric arterial thrombosis, ischemic colitis.

Allergic: Pharyngitis and agranulocytosis, erythematous rash, fever combined with aching and sore throat, laryngospasm and respiratory distress.

Respiratory: Bronchospasm.

Hematologic: Agranulocytosis, nonthrombocytopenic purpura, thrombocytopenic purpura.

Auto-Immune: In extremely rare instances, systemic lupus erythematosus has been reported.

Miscellaneous: Alopecia, LE-like reactions, psoriasiform rashes, dry eyes, male impotence, and Peyronie's disease have been reported rarely. Oculomucocutaneous reactions involving the skin, serous membranes, and conjunctivae reported for a beta blocker (practolol) have not been associated with propranolol.

Hydrochlorothiazide:

Gastrointestinal: Anorexia, gastric irritation, nausea, vomiting, cramping, diarrhea, constipation, jaundice (intrahepatic cholestatic jaundice); pancreatitis, sialadenitis.

Central Nervous System: Dizziness, vertigo, paresthesias, headache; xanthopsia.

Hematologic: Leukopenia, agranulocytosis; thrombocytopenia, aplastic anemia.

Cardiovascular: Orthostatic hypotension (may be aggravated by alcohol, barbiturates, or narcotics).

Hypersensitivity: Purpura, photosensitivity; rash; urticaria, necrotizing angiitis (vasculitis, cutaneous vasculitis), fever, respiratory distress, including pneumonitis, anaphylactic reactions.

Other: Hyperglycemia, glycosuria, hyperuricemia, muscle spasm; weakness; restlessness, transient blurred vision.

Whenever adverse reactions are moderate or severe, thiazide dosage should be reduced or therapy withdrawn.

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REFERENCE:

1. Ravid M, Lang R, Jutrin I. The relative antihypertensive potency of propranolol, oxprenolol, atenolol, and metoprolol given once daily. *Arch Intern Med* 1985;145:1321–1323.

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IN STATE

September 17

Nuclear Hazards and Medical Care
Place: Sanford
Info: Robert S. Cline, M.D., Central Carolina Hospital, 1135 Carthage Street, Sanford 27330. 919/774-6518

September 21-24

Basic Clinical Teaching Skills
Place: Rougemont
Info: Cynthia C. Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

September 22-23

Fall Conference — NC Medical Society Auxiliary.
Place: Greensboro
Info: Mona Sauls, Executive Administrator NCMS Auxiliary, P.O. Box 27167, Raleigh 27611. 919/828-0046

September 26-27

Advanced Cardiac Life Support Provider Course
Place: Asheville
Credit: 16 hours Category I AMA, AAFP
Fee: $200
Info: Daniel L. Dolan, M.D., MAHEC, 501 Biltmore Avenue, Asheville 28801-4686. 704/258-0881

October 1

Nutritional Support Update '86
Place: Durham
Credit: 5 hours Category I AMA
Fee: $17 MASPEN members; $22 others
Info: MASPEN, c/o Nancy Payne, Box 3105 DUMC, Durham 27710. 919/684-4278

October 6-10

Microsurgery Workshop
Place: Durham
Credit: 40 hours Category I AMA
Info: Cynthia C. Easterling, Office of CME, Box 3108 DUMC, Durham 27710. 919/684-6878

October 19-21

Sports Medicine Symposium for Primary Care Physicians
Place: Chapel Hill
Credit: 14 hours Category I AMA, AAFP
Fee: $225; $100 residents
Info: Dr. William B. Wood, 231 MacNider, Chapel Hill 27514. 919/962-2118

November 6-9

38th Annual Scientific Assembly
Place: Charlotte
Credit: 18 hours
Info: Mary Anna Hendley, NC Academy of Family Physicians, Box 20146, Raleigh 27619. 919/781-6467

OUT OF STATE

October 17

Selected Topics in Pediatrics
Place: Norfolk, VA
Info: Jean E. Shelton, M.D., 800 West Olney Road, Norfolk, VA 23507. 804/628-7179

October 24-25

Great Midwestern Shootout at the UK Corral (A Workshop on Total Hip and Total Knee Replacement)
Place: Lexington, KY
Credit: Category I AMA
Info: Joy Greene, 132 College of Medicine Office Bldg., University of Kentucky, Lexington, KY 40536-0086. 606/233-5161

October 26-31

Seventeenth Family Medicine Review
Place: Lexington, KY
Credit: Category I AMA
Info: Joy Greene, 132 College of Medicine Office Bldg., University of Kentucky, Lexington, KY 40536-0086. 606/233-5161

October 30-31

The Age of Geriatric Rehabilitation Perspectives and Potentials
Place: New Hyde Park, NY
Credit: 15 hours Category I AMA, ACCME
Fee: $275
Info: Ann J. Boehme, Long Island Jewish Medical Center, New Hyde Park, NY 11042. 718/470-8650

November 19

The New Economics of Medical Care: The Identifier Concept
Place: New Hyde Park, N.Y.
Fee: $110
Credit: 6 hours Category I AMA, ACCME
Info: Ann J. Boehme, Long Island Jewish Medical Center, New Hyde Park, NY 11042. 718/470-8650
(To be offered also March 18, 1987)

December 19-20

Advances in Gastrointestinal Surgery
Place: Lexington, KY
Credit: Category I AMA
Info: Joy Greene, 132 College of Medicine Office Bldg., University of Kentucky, Lexington, KY 40536-0086. 606/233-5161

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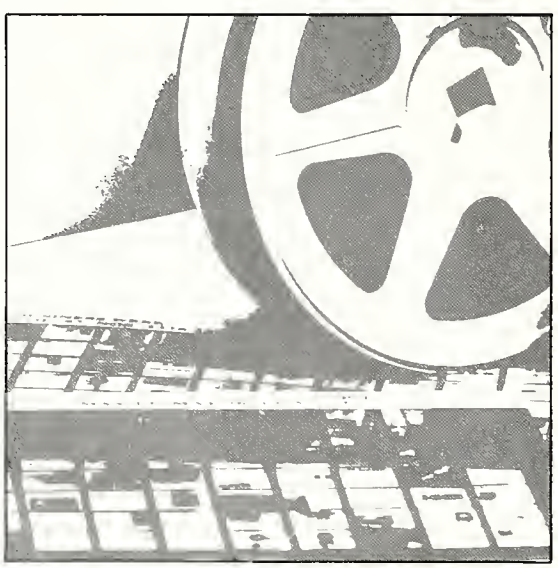
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In Memoriam

John Joseph Bender, M.D.

Whereas, John Joseph Bender, M.D., died on May 18, 1986 after a long and exemplary career as a physician in medicine, and

Whereas, Doctor Bender was born in Mount Carmel, Pennsylvania, November 13, 1906, and graduated from P & S, Boston, Massachusetts, in 1935 and did postgraduate work in Raleigh, North Carolina.

Doctor Bender practiced at the State Hospital, Raleigh, North Carolina, in 1936 and came to Red Springs to practice Family Medicine in 1938.

Doctor Bender served as President of the Robeson County Medical Society in 1953, President of the Fifth District Medical Society in 1958, and until his retirement was an active staff member of the Southeastern General Hospital, Lumberton, North Carolina.

Doctor Bender was a dedicated and energetic physician in the practice of obstetrics and family medicine in Robeson County and was much loved by his patients and colleagues. He was a devoted husband, father, and grandfather.

Whereas, his loss as a leader in our community, as a friend, and as a dedicated physician will leave a vacancy to those who depended on him for advice and courage as well as for his keen sense of humor and compassion; therefore be it

RESOLVED, that the Robeson County Medical Society record its sorrow at the loss of our friend and colleague; and be it further

RESOLVED, that a copy of this resolution be sent to Doctor Bender's family and the *North Carolina Medical Journal*.

Frank Bernard McGrath, M.D.

Whereas, Frank Bernard McGrath, M.D., died suddenly on December 26, 1985, at his home in Lumberton, North Carolina; and

Whereas, Doctor McGrath graduated from Northwestern University, Chicago, Illinois, in 1933 and did postgraduate work at Cook County Hospital, Chicago, Illinois.

He came to Lumberton, North Carolina, in 1937 to practice Family Medicine and Pediatrics which he did until his death. He was Past President of the Robeson County Medical Society. He served in World War II from 1942-1945 with the 38th Evacuation Hospital, mostly in North Africa, and received five Battle Stars.

Whereas, Doctor McGrath was an active member of the staff of the Southeastern General Hospital, Lumberton, North Carolina, and was devoted and dedicated to his patients and for his many years of faithful service to his profession. He was an avid reader and devoted golfer.

RESOLVED, that the Robeson County Medical Society of the North Carolina Medical Society express to his family their thanks for his service to the citizens of Robeson County and his efforts on behalf of his patients, and its appreciation for sharing him with us; and be it further,

RESOLVED, that a copy of this resolution be sent to his family and the *North Carolina Medical Journal*.

James William Osberg, Jr., 1920-1986

Personally committed to people and their mental health, willing to be true to his values and feelings and with dogged determination to go the extra mile, Jim Osberg left an imprint on residents in training, medical and non-medical colleagues and legions of mentally ill and their families. His energy, selflessness, warmth, heart and soul together with sensitivity and diplomacy combined to produce an outstanding physician, psychiatrist, administrator and educator who will long be remembered in North Carolina and elsewhere. He forged bridges between clinical and administrative psychiatry, between institutions, and between patients and service providers.

He established himself in the early fifties as an outstanding, socially-minded community psychiatrist moving directly into the public service after graduating from Tufts Medical School. After internship and residency in the United States Public Health Service Hospitals, he directed the addiction services of the United States Public Health Service Hospital at Ft. Worth, Texas for five years. A year in Maryland as assistant director for the Mental Health Study Center for the National Institute of Mental Health led to two years as director of mental health services for the southeastern region of the Department of Health, Education and Welfare before his return to the Mental Health Study Center of the National Institute of Mental Health for four years as its director. Following a year as Chief of the Community Research and Service Branch, he became associate director of the National Institute of Mental Health until his retirement in 1967. Throughout his 25-year federal career he was invested in the support and development of public community mental health programs and state hospital improvements.

His retirement as an active, public health service officer in 1967 was simply a transition to his 14-year second career with the State of North Carolina Department of Mental Health. He became the Deputy Commissioner for the Eastern Region and later Deputy Director of the North Carolina Division of Mental Health, Mental Retardation, and Substance Abuse. He helped the underdeveloped, rural eastern counties evolve a system of area mental health programs and spearheaded major developments at Cherry Hospital, Caswell Center and the Walter B. Jones Alcoholism Rehabilitation Center.

Throughout, he has had a keen ability to recruit and develop young psychiatric talent, and in 1981 when he retired from the Division of Mental Health he went with the Department of Psychiatry at the University of North Carolina Medical School, where at his death he was the Director of the Division of Community Psychiatry and Administrative Psychiatry. His program development activities and his organizational leadership skills occupy the larger area of his professional activities. He was key in many interorganizational efforts serving the North Carolina Psychiatric Association in many capacities including that of President. As one of the most active members of the Mental Health Committee of the North Carolina Med-

ical Society for 18 years, he had a significant role in refashioning mental health legislation.

His love, caring and commitment was reflected in his personal life where for 44 years he was sustained by his wife, Catherine Guyer Osberg, who shared his commitment to people. In addition to Kay, he leaves their three children, Charlotte, James and Arthur.

His fatal illness went fast. It was only months between diagnosis and death. He was indeed a professional humanitarian with limitless concern and untiring hard work.

David Cayer, M.D.

On June 3, 1986, our associate, Dr. David Cayer, died of vascular complications.

His colleagues at Forsyth Medical Specialists and those who knew Dr. Cayer mourn his passing. Dr. Cayer was a superb teacher, recognized researcher and excellent, loving, caring physician. He will be missed by all of those who were fortunate enough to come in contact with him during his very productive life.

Many persons have expressed a desire to remember him. We, along with his family, have established a Gastroenterology Lectureship in his name, to be held annually at Forsyth Memorial Hospital, Winston-Salem, North Carolina.

We felt that the members of the Medical Society would like to honor Dr. Cayer with this Lectureship. Memorials should be sent to David Cayer, M.D. GI Lectureship, c/o Forsyth Memorial Hospital, Attn: Mrs. Becky Morrison, 3333 Silas Creek Parkway, Winston-Salem, North Carolina 27103.

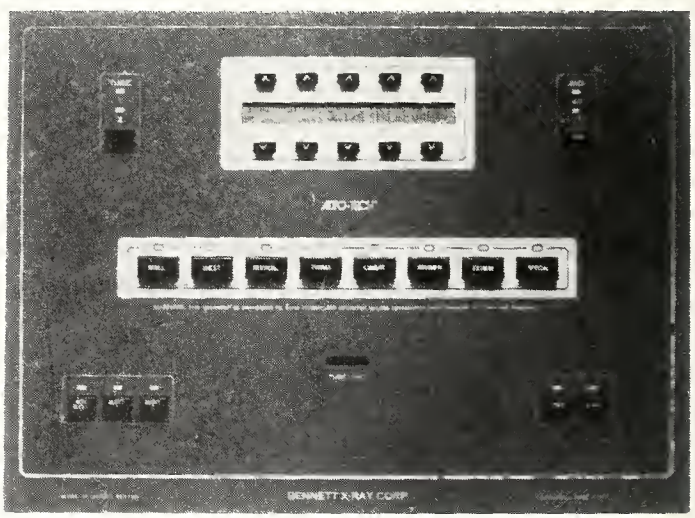
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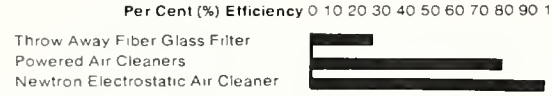
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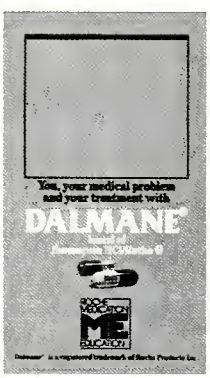
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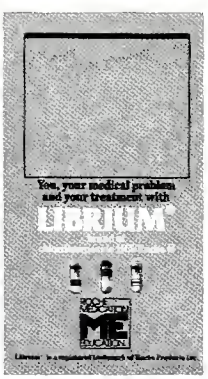
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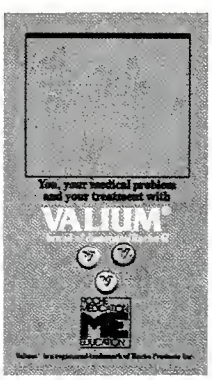
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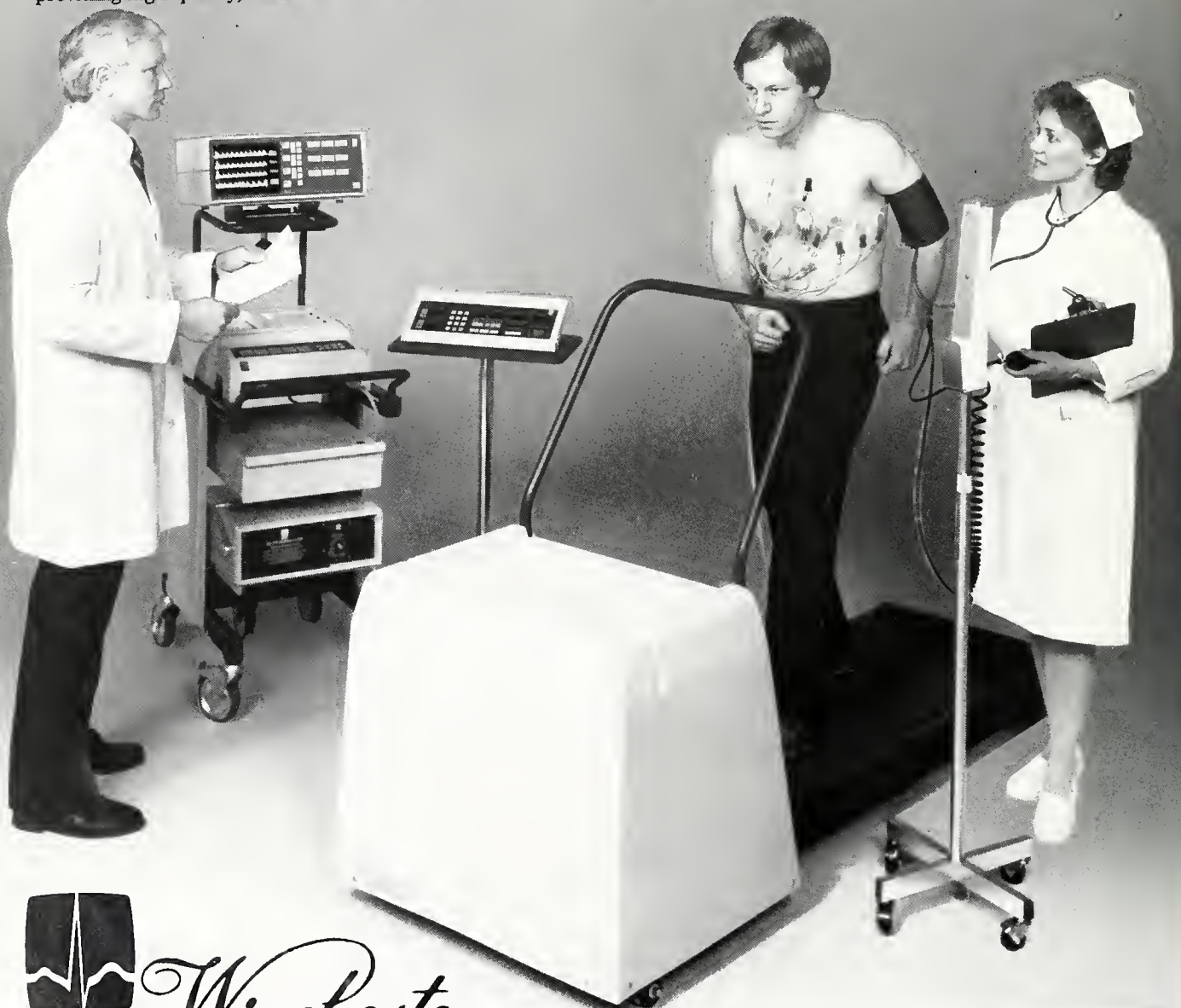


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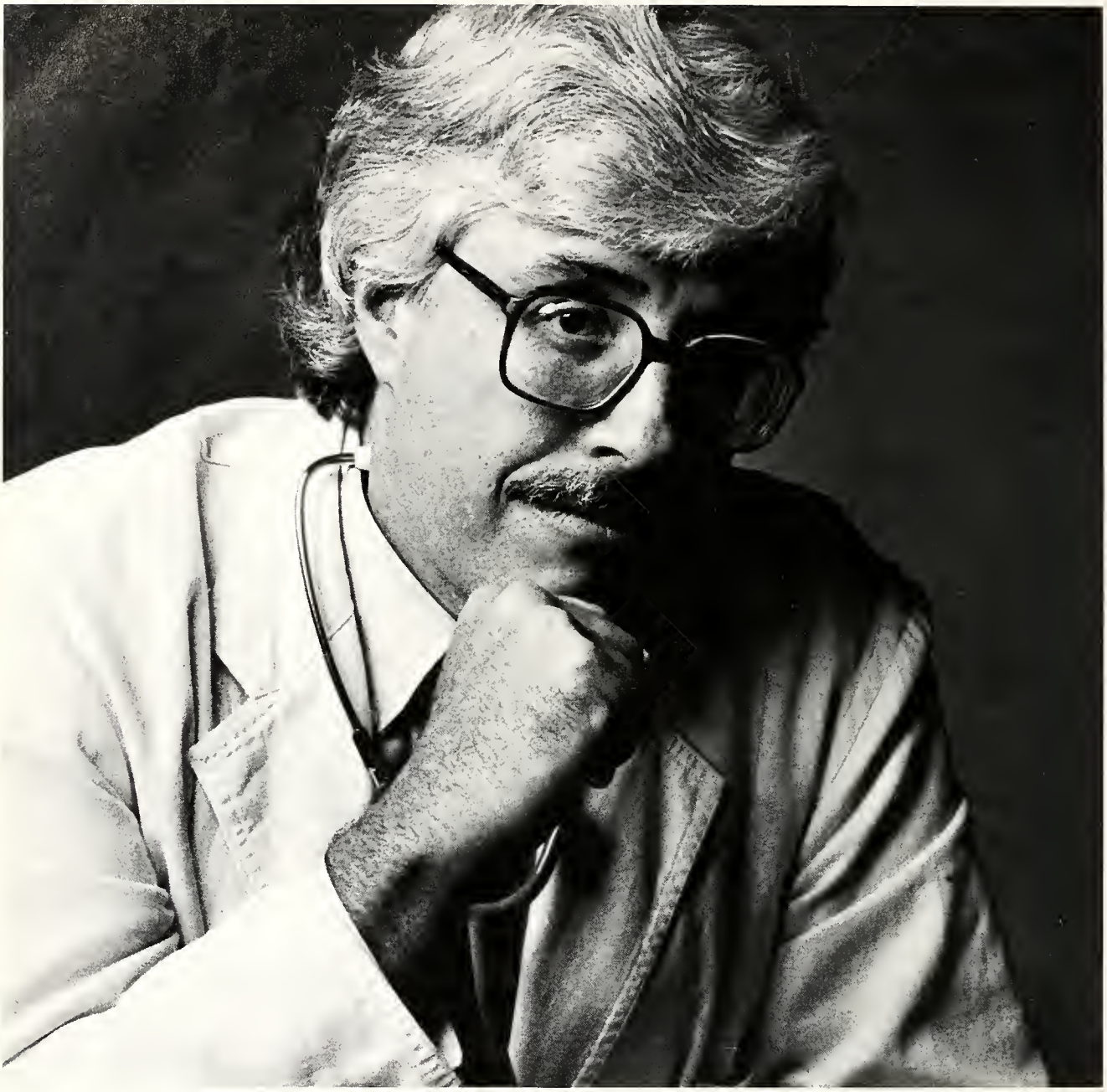
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SPECIAL ARTICLE

Remarks of Otis R. Bowen, Secretary of Health and Human Services, Before the North Carolina Medical Society

Otis R. Bowen, M.D.

I address you today as a fellow member of the medical profession. Of course we share more than just a profession. We're also concerned about our family, our community and our country. This is why we have each become involved with what some call the politics of health care. It's one reason we join medical societies.

As individual doctors and as members of organized medicine, we find ourselves at an important turning point in health care. The present turn of events began in 1965 with the passage of Medicare and Medicaid. They were passed with the best of intentions - and they have done a lot of good. But these programs turned out to be much more expensive than anyone had believed possible.

By 1970 we were spending what was projected to be the costs by 1990. From 1966, when these programs cost about $3 billion, they grew to over $60 billion by the time Ronald Reagan was elected. They grew at a 20%-a-year rate, doubling in size every three and a half years. They were one major reason why health care grew from 6% of our gross national product in 1965 to almost 11% in the mid-1980s. They, along with Social Security, were the reasons that federal domestic spending went from a quarter of the budget in 1960 to almost half in 1980.

Other Administrations knew that something had to be done to control costs. Let me mention some of the solutions proposed and attempted over the years: wage and price controls, Health Planning Agencies, PSROs and voluntary and mandatory caps on hospital costs.

These efforts shared two things. First, they were centralized and regulatory approaches to controlling costs. Second, they failed to control costs: The cost spiral continued without let-up because regulations treated the symptom, not the underlying malaise. What was basically wrong was the lack of a true marketplace - a lack of competition.

Competition

When Ronald Reagan was elected, his Administration was determined to try competition. Our competition strategy involves three initiatives. The first is to emphasize greater consumer choice and participation. You can't have a marketplace without shoppers. We propose voluntary vouchers, greater cost sharing in Medicare, co-payments in Medicaid, more consumer information and greater coordination of benefits with private insurance.

The second initiative is to encourage the development of alternative systems for delivering health care. When Medicare was passed, it created Part A and Part B for hospitals and physicians, similar to Blue Cross and Blue Shield. Two-thirds of all Medicare dollars go to hospitals, one-quarter to physicians, but only 3% to home health and 1% to skilled nursing facilities. In Medicaid, almost 40% of expenditures go to expensive nursing home care. We enacted a Home and Community based waiver program, now operating in 46 states to provide an alternative. We have also encouraged ambulatory surgical centers, passed a hospice benefit and, most importantly, are fostering greater use of health maintenance organizations and other competitive plans.

Our third initiative is to reform the way we pay for health care. The old blank-check system was much too expensive. The furure lies with fixed payments. The most publicized reform, of course, is Medicare prospective payment.

Results

Our competition strategy is working; Medicare hospital payments increased 6% in the first year of prospective payment - that's the lowest increase in the program's history. Length of stay is down. Employment and the number of beds have decreased for the first time since the AHA has kept records. Alternative delivery systems are proliferating. All this while hospitals have been having some of the most profitable years ever.

Does this mean all the problems are solved? Of course not. It means that some problems have been solved and others are emerging. Let me list a few you may have heard about: disproportionate share, indigent care, charity care, dumping, cost-shifting, DRG creep, early discharge, sicker and quicker, capital payment reform and a new graduate medical education payment plan.

Additional Reform

It's clear that we have our work cut out for us. One big issue we have begins with demographics. In 1965, we had 20 million elderly. By 1985 there were 30 million. By 2010 there will be 60 million. We spend 50% more on an

From the Department of Health and Human Services, 200 Independence Ave., SW, Washington, DC 20201.

85-year-old Medicare patient than on a 65-year-old — and our fastest growing age group is over 75.

You can see the problem ahead — it's cost. Federal payments to the elderly took 13% of the federal budget in 1960. By 1980 this grew to 25%. And without any new commitments at all, we could be spending 67% of the entire Federal budget on the elderly by 2010. This will be the most massive shift of income from young to old in history. We used to invest in the young, in education, in our "infrastructure," but *present* law will shift this priority from the younger to the older. Is this good or bad? That's for all Americans to decide, but America must understand that it is a reality *today*.

Thanks to our reforms, the Medicare Trust Fund will now be solvent until near the turn of the century — but it will be $1 trillion in the red by 2010.

The 1987 Budget

We need more reforms to hold costs down and we need them now. Our 1987 budget proposes a number of reforms. some of these proposals are:

- Phase-in hospital capital cost reimbursement into Prospective Payment
- Reform direct medical education payments and eliminate the "doubling" of indirect medical education payments
- Increase Part B premiums for individual payors to 35% of program costs by 1991
- Extend Medicare as secondary payor to working people over 69
- Cap Medicaid program costs to the states and block-grant administrative costs.

With regard to physician reimbursement, we propose some interim measures. We will reduce certain high priced procedures, such as pacemaker implants. We also want to consolidate the different "localities" upon which Medicare payments to you are based. It makes no sense that Texas, for example, has over 30 "localities" each with different physician payments.

Last March prevailing fee screens for physicians increased 3.15% and Congress in their reconciliation bill added 1% for a total increase of 4.15%. This more than offsets the Gramm-Rudman 1% reduction. The prevailing fee screen will increase once again next October. The amount will depend upon how Congress reacts to the Administration's proposal to recalculate the Medical Economic Index.

We realize that physician fee freezes are not the final answer. We appreciate your patience and cooperation during the freeze period. But even though physician fees were frozen, Part B of Medicare remains one of the fastest growing parts of the Federal domestic budget. We all realize that these freezes and recalculations are an interim solution, as is prospective payment for hospitals. Eventually, capitation payment in some form is the reimbursement direction we're headed for.

Capitation puts the provider, rather than government, at financial risk. This approach is the way other industries in America work. We are at the same place with capitation as we were with prospective payment in the late 1970s — at the study stage.

Long-Term Reform

The time is past for tourniquets. What we need are long-range solutions to our problems. My priority coming into this job has been to address basic needs — and the President thinks that way, too.

That's why in his State-of-the-Union Address he charged me with developing a catastrophic health coverage proposal by the end of this year. This is a basic need that has not been met. As Chairman of the Social Security Advisory Council, I considered a catastrophic health plan. The President's charge, however, is broader. He wants us to study the entire question in the context of a collaborative private and public sector solution.

Another of my priorities is the future financing of long-term care. The burden of this growing expense is becoming too much for Medicaid. Many have suggested long-term care insurance as a possible solution. Another idea that I find attractive is a medical Individual Retirement Account. It would work like an I.R.A. but we must figure whether the tax deferral would cost our Treasury too much. Its short-term drain on federal revenues may conflict with our need to reduce Federal deficits immediately.

Another problem we're looking at is medical malpractice insurance. Without reform in the malpractice area, reimbursement reform would not be complete. Heavy malpractice costs do nothing to enhance the quality of health care and they add measurably to overall costs. Dollars spent on defensive medicine would be better spent on quality care.

We cannot expect Americans to endorse any solution to the malpractice issue unless we also ask physicians to take their responsibility. If we ignore the "bad apples" in our profession, then we contribute to the malpractice problem. We then do not deserve any legislative relief.

The Role of Physicians

Americans trust and respect their physicians. With this trust comes great responsibility in other areas of concern as well. One of those areas is the great and almost tragic changes occurring in family life

A generation ago most children were born to two-parent families. Now every year more than a million teenagers become pregnant. Over half give birth and nearly half of these are unmarried. The consequences to our society are monumental. Teenage pregnancy is a one-way ticket to poverty.

The health of these infants is at risk. Many have low birth weight. We have made great strides in reducing infant mortality, but we need to be more aggressive in promoting pre- and post-natal care. We must tell mothers about the serious hazards involved in smoking and drinking while pregnant.

We must talk to people about the risks of teenage pregnancy. The number of children having children is unacceptable. We must hold teenage boys as well as girls responsible for their acts.

We must also be sensitive to the needs of the elderly. The elderly are a valuable national resource. To ignore

and isolate them deprives the nation's younger generation of the family values and traditions that we most need to foster.

If there is one thing that I would want to do while Secretary, it is to help strengthen family life. But government programs alone can't do this. The enduring answers lie among people. Someone must care and someone must speak up. As physicians, America has been good to us. We enjoy lifestyles that most Americans can only dream about. So we have an obligation to return a portion of our time, talent and treasure to our communities and nation. The most important and irreplaceable institution is the family, and it is here that we can make a unique contribution. We must support family values. We can do this partly by what we say. However, we can do this best by example.

Americans expect their doctor to be a moral force and a community leader. We *are* the leaders in health care. If we don't lead, we abdicate our role. As physicians, we seek to heal the sick - but to lead we must take action against any physician that provides poor quality care.

But most importantly, as husbands, wives, parents and grandparents we must heed the anguished cry coming from the American family. And we must reply by teaching and exemplifying the strong moral values and traditions we all cherish.

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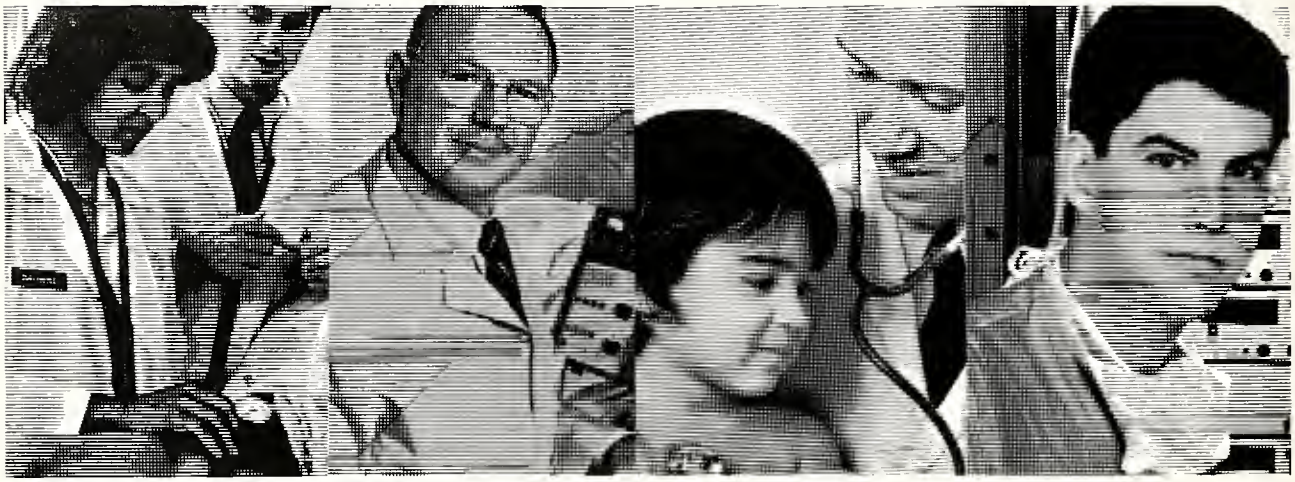
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Significantly reduced risk of endometrial hyperplasia

Endometrial hyperplasia was significantly reduced when progestin was added to PREMARIN therapy for more than ten days a month.[1-4] The risk of endometrial hyperplasia may also be reduced through cyclic administration of unopposed, low-dose PREMARIN.

Effect on lipids—an important feature

PREMARIN used alone does not adversely affect lipid levels. In fact, a clinical study has shown a significant increase in HDL cholesterol—from 49.7 mg/dL to 56.4 mg/dL—and decrease in LDL cholesterol—from 165.1 mg/dL to 138.1 mg/dL—after one year of therapy with PREMARIN, 0.625 mg.[5]

Low-dose control of menopausal symptoms*

PREMARIN effectively relieves vasomotor symptoms, such as hot flashes. When estrogen deficiency is limited to atrophic vaginitis, PREMARIN® (conjugated estrogens) Vaginal Cream restores the vaginal environment to its premenopausal state.

The most widely used, most extensively studied estrogen worldwide.

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Most trusted for more reasons

*PREMARIN is indicated for moderate-to-severe vasomotor symptoms.

Please see following page for brief summary of prescribing information.

For moderate-to-severe vasomotor symptoms

PREMARIN®
(Conjugated Estrogens Tablets)



0.3 mg 0.625 mg 0.9 mg 1.25 mg 2.5 mg

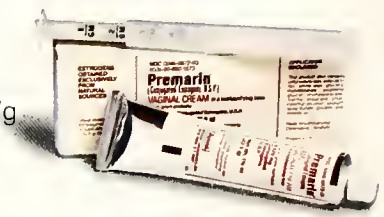
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For atrophic vaginitis

PREMARIN®
(Conjugated Estrogens)

Vaginal Cream

0.625mg/g



BRIEF SUMMARY *(FOR FULL PRESCRIBING INFORMATION AND PATIENT INFORMATION, SEE PACKAGE CIRCULARS.)*

PREMARIN® Brand of conjugated estrogens tablets, USP
PREMARIN® Brand of conjugated estrogens Vaginal Cream in a nonliquefying base

1. ESTROGENS HAVE BEEN REPORTED TO INCREASE THE RISK OF ENDOMETRIAL CARCINOMA.

Three independent case control studies have reported an increased risk of endometrial cancer in postmenopausal women exposed to exogenous estrogens for more than one year. This risk was independent of the other known risk factors for endometrial cancer. These studies are further supported by the finding that incidence rates of endometrial cancer have increased sharply since 1969 in eight different areas of the United States with population-based cancer reporting systems, an increase which may be related to the rapidly expanding use of estrogens during the last decade. The three case control studies reported that the risk of endometrial cancer in estrogen users was about 4.5 to 13.9 times greater than in nonusers. The risk appears to depend on both duration of treatment and on estrogen dose. In view of these findings, when estrogens are used for the treatment of menopausal symptoms, the lowest dose that will control symptoms should be utilized and medication should be discontinued as soon as possible. When prolonged treatment is medically indicated, the patient should be reassessed on at least a semiannual basis to determine the need for continued therapy. Although the evidence must be considered preliminary, one study suggests that cyclic administration of low doses of estrogen may carry less risk than continuous administration; it therefore appears prudent to utilize such a regimen. Close clinical surveillance of all women taking estrogens is important. In all cases of undiagnosed persistent or recurring abnormal vaginal bleeding, adequate diagnostic measures should be undertaken to rule out malignancy. There is no evidence at present that "natural" estrogens are more or less hazardous than "synthetic" estrogens at equiestrogenic doses.

2. ESTROGENS SHOULD NOT BE USED DURING PREGNANCY

The use of female sex hormones, both estrogens and progestogens, during early pregnancy may seriously damage the offspring. It has been shown that females exposed in utero to diethylstilbestrol, a non-steroidal estrogen, have an increased risk of developing in later life a form of vaginal or cervical cancer that is ordinarily extremely rare. This risk has been estimated as not greater than 4 per 1,000 exposures. Furthermore, a high percentage of such exposed women (from 30% to 90%) have been found to have vaginal adenosis, epithelial changes of the vagina and cervix. Although these changes are histologically benign, it is not known whether they are precursors of malignancy. Although similar data are not available with the use of other estrogens, it cannot be presumed they would not induce similar changes. Several reports suggest an association between intrauterine exposure to female sex hormones and congenital anomalies, including congenital heart defects and limb reduction defects. One case control study estimated a 4.7-fold increased risk of limb reduction defects in infants exposed in utero to sex hormones (oral contraceptives, hormone withdrawal tests for pregnancy, or attempted treatment for threatened abortion). Some of these exposures were very short and involved only a few days of treatment. The data suggest that the risk of limb reduction defects in exposed fetuses is somewhat less than 1 per 1,000. In the past, female sex hormones have been used during pregnancy in an attempt to treat threatened or habitual abortion. There is considerable evidence that estrogens are ineffective for these indications, and there is no evidence from well controlled studies that progestogens are effective for these uses. If PREMARIN is used during pregnancy, or if the patient becomes pregnant while taking this drug, she should be apprised of the potential risks to the fetus, and the advisability of pregnancy continuation.

DESCRIPTION: PREMARIN (conjugated estrogens, USP) contains a mixture of estrogens, obtained exclusively from natural sources, blended to represent the average composition of material derived from pregnant mares' urine. It contains estrone, equilin, and 17α-dihydroequilin, together with smaller amounts of 17α-estradiol, equilenin, and 17α-dihydroequilenin as salts of their sulfate esters. Tablets are available in 0.3 mg, 0.625 mg, 0.9 mg, 1.25 mg, and 2.5 mg strengths of conjugated estrogens. Cream is available as 0.625 mg conjugated estrogens per gram.

INDICATIONS AND USAGE: PREMARIN (conjugated estrogens tablets, USP): Moderate-to-severe *vasomotor* symptoms associated with the menopause. (There is no evidence that estrogens are effective for nervous symptoms or depression without associated vasomotor symptoms and they should not be used to treat such conditions.) **Osteoporosis (abnormally low bone mass).** Atrophic vaginitis. Kraurosis vulvae. Female castration.

PREMARIN (conjugated estrogens) Vaginal Cream is indicated in the treatment of atrophic vaginitis and kraurosis vulvae. PREMARIN HAS NOT BEEN SHOWN TO BE EFFECTIVE FOR ANY PURPOSE DURING PREGNANCY AND ITS USE MAY CAUSE SEVERE HARM TO THE FETUS (SEE BOXED WARNING).

Concomitant Progestin Use: The lowest effective dose appropriate for the specific indication should be utilized. Studies of the addition of a progestin for 7 or more days of a cycle of estrogen administration have reported a lowered incidence of endometrial hyperplasia. Morphological and biochemical studies of the endometrium suggest that 10 to 13 days of progestin are needed to provide maximal maturation of the endometrium and to eliminate any hyperplastic changes. Whether this will provide protection from endometrial carcinoma has not been clearly established. There are possible additional risks which may be associated with the inclusion of progestin in estrogen replacement regimens. (See PRECAUTIONS.) The choice of progestin and dosage may be important; product labeling should be reviewed to minimize possible adverse effects.

CONTRAINDICATIONS: Estrogens should not be used in women (or men) with any of the following conditions: 1. Known or suspected cancer of the breast except in appropriately selected patients being treated for metastatic disease. 2. Known or suspected estrogen-dependent neoplasia. 3. Known or suspected pregnancy (See Boxed Warning). 4. Undiagnosed abnormal genital bleeding. 5. Active thrombophlebitis or thromboembolic disorders. 6. A past history of thrombophlebitis, thrombosis, or thromboembolic disorders associated with previous estrogen use (except when used in treatment of breast or prostatic malignancy).

WARNINGS: Long-term continuous administration of natural and synthetic estrogens in certain animal species increases the frequency of carcinomas of the breast, cervix, vagina, and liver. There are now reports that estrogens increase the risk of carcinoma of the endometrium in humans. (See Boxed Warning.) At the present time there is no satisfactory evidence that estrogens given to postmenopausal women increase the risk of cancer of the breast, although a recent study has raised this possibility. There is a need for caution in prescribing estrogens for women with a strong family history of breast cancer or who have breast nodules, fibrocystic disease, or abnormal mammograms. A recent study has reported a 2- to 3-fold increase in the risk of surgically confirmed gallbladder disease in women receiving postmenopausal estrogens.

Adverse effects of oral contraceptives may be expected at the larger doses of estrogen used to treat prostatic or breast cancer or postpartum breast engorgement, it has been shown that there is an increased risk of thrombosis in men receiving estrogens for prostatic cancer and women for postpartum breast engorgement. Users of oral contraceptives have an increased risk of diseases, such as thrombophlebitis, pulmonary embolism, stroke, and myocardial infarction. Cases of retinal thrombosis, mesenteric thrombosis, and optic neuritis have been reported in oral contraceptive users. An increased risk of postsurgery thromboembolic complications has also been reported in users of oral contraceptives. If feasible, estrogen should be discontinued at least 4 weeks before surgery of the type associated with an increased risk of thromboembolism, or during periods of prolonged immobilization. Estrogens should not be used in persons with active thrombophlebitis, thromboembolic disorders, or in persons with a history of such disorders in association with estrogen use. They should be used with caution in patients with cerebral vascular or coronary artery disease. Large doses (5 mg conjugated estrogens per day), comparable to those used to treat cancer of the prostate and breast, have been shown to increase the risk of nonfatal myocardial infarction, pulmonary embolism and thrombophlebitis. When doses of this size are used, any of the thromboembolic and thrombotic adverse effects should be considered a clear risk.

Benign hepatic adenomas should be considered in estrogen users having abdominal pain and tenderness, abdominal mass, or hypovolemic shock. Hepatocellular carcinoma has been reported in women taking estrogen-containing oral contraceptives. Increased blood pressure may occur with use of estrogens in the menopause and blood pressure should be monitored with estrogen use. A worsening of glucose tolerance has been observed in patients on estrogen-containing oral contraceptives. For this reason, diabetic patients should be carefully observed. Estrogens may lead to severe hypercalcemia in patients with breast cancer and bone metastases.

PRECAUTIONS: Physical examination and a complete medical and family history should be taken prior to the initiation of any estrogen therapy with special reference to blood pressure, breasts, abdomen, and pelvic organs, and should include a Papanicolaou smear. As a general rule, estrogen should not be prescribed for longer than one year without another physical examination being performed. Conditions influenced by fluid retention such as asthma, epilepsy, migraine, and cardiac or renal dysfunction, require careful observation. Certain patients may develop manifestations of excessive estrogenic stimulation, such as abnormal or excessive uterine bleeding, mastodynia, etc. Prolonged administration of unopposed estrogen therapy has been reported to increase the risk of endometrial hyperplasia in some patients. Oral contraceptives appear to be associated with an increased incidence of mental depression. Patients with a history of depression should be carefully observed. Preexisting uterine leiomyomata may increase in size during estrogen use. The pathologist should be advised of estrogen therapy when relevant specimens are submitted. If jaundice develops in any patient receiving estrogen, the medication should be discontinued while the cause is investigated. Estrogens should be used with care in patients with impaired liver function, renal insufficiency, metabolic bone diseases associated with hypercalcemia, or in young patients in whom bone growth is not complete. If concomitant progestin therapy is used, potential risks may include adverse effects on carbohydrate and lipid metabolism.

The following changes may be expected with larger doses of estrogen:

a. Increased sulfobromophthalein retention.

b. Increased prothrombin and factors VII, VIII, IX, and X; decreased antithrombin 3; increased norepinephrine-induced platelet aggregability.

c. Increased thyroid binding globulin (TBG) leading to increased circulating total thyroid hormone, as measured by PBI, T4 by column, or T4 by radioimmunoassay. Free T3 resin uptake is decreased, reflecting the elevated TBG; free T4 concentration is unaltered.

d. Impaired glucose tolerance.

e. Decreased pregnanediol excretion.

f. Reduced response to metyrapone test.

g. Reduced serum folate concentration.

h. Increased serum triglyceride and phospholipid concentration. As a general principle, the administration of any drug to nursing mothers should be done only when clearly necessary since many drugs are excreted in human milk.

ADVERSE REACTIONS: The following have been reported with estrogenic therapy, including oral contraceptives: breakthrough bleeding, spotting, change in menstrual flow; dysmenorrhea; premenstrual-like syndrome; amenorrhea during and after treatment, increase in size of uterine fibromyomata; vaginal candidiasis, change in cervical erosion and in degree of cervical secretion; cystitis-like syndrome; tenderness, enlargement, secretion (of breasts); nausea, vomiting, abdominal cramps, bloating; cholestatic jaundice; chloasma or melasma which may persist when drug is discontinued, erythema multiforme; erythema nodosum; hemorrhagic eruption; loss of scalp hair; hirsutism; steepening of corneal curvature; intolerance to contact lenses; headache, migraine, dizziness, mental depression, chorea; increase or decrease in weight, reduced carbohydrate tolerance; aggravation of porphyria, edema; changes in libido.

ACUTE OVERDOSAGE: May cause nausea, and withdrawal bleeding may occur in females.

DOSAGE AND ADMINISTRATION:

PREMARIN® Brand of conjugated estrogens tablets, USP

1. *Given cyclically for short-term use only.* For treatment of moderate to severe *vasomotor* symptoms, atrophic vaginitis, or kraurosis vulvae associated with the menopause (0.3 to 1.25 mg or more daily). The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible. Administration should be cyclic (eg, three weeks on and one week off). Attempts to discontinue or taper medication should be made at three- to six-month intervals.

2. *Given cyclically:* Female castration. Osteoporosis. Female castration—1.25 mg daily, cyclically. Adjust upward or downward according to response of the patient. For maintenance, adjust dosage to lowest level that will provide effective control. Osteoporosis —0.625 mg daily. Administration should be cyclic (eg, three weeks on and one week off).

Patients with an intact uterus should be monitored for signs of endometrial cancer and appropriate measures taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

PREMARIN® Brand of conjugated estrogens Vaginal Cream

Given cyclically for short-term use only. For treatment of atrophic vaginitis or kraurosis vulvae.

The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible.

Administration should be cyclic (eg, three weeks on and one week off).

Attempts to discontinue or taper medication should be made at three-to-six month intervals.

Usual dosage range: 2 to 4 g daily, intravaginally, depending on the severity of the condition.

Treated patients with an intact uterus should be monitored closely for signs of endometrial cancer and appropriate diagnostic measures should be taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

References:

1. Whitehead MI, Townsend PT, Pryse-Davies J, et al: Effects of estrogens and progestins on the biochemistry and morphology of the postmenopausal endometrium. *N Engl J Med* 1981;305:1599-1605. 2. Paterson MEL, Wade-Evans T, Sturdee DW, et al: Endometrial disease after treatment with oestrogens and progestogens in the climacteric. *Br Med J* 1980;280:822-824. 3. Magos AL, Brincat M, Studd JWW, et al: Amenorrhea and endometrial atrophy with continuous oral estrogen and progestogen therapy in postmenopausal women. *Obstet Gynecol* 1985; 67: 496-499. 4. Whitehead MI, Lane G, Siddle N, et al: Avoidance of endometrial hyperstimulation in estrogen-treated postmenopausal women. *Semin Reprod Endocrinol* 1983;1:1;41-52. 5. Barnes RB, Roy S, Lobo RA: Comparison of lipid and androgen levels after conjugated estrogen or depo-medroxyprogesterone acetate treatment in postmenopausal women. *Obstet Gynecol* 1985;66:216-219.

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SPECIAL ARTICLE

On Becoming President of the North Carolina Medical Society

John W. Foust, M.D.

THERE are more critical issues facing the medical profession today than perhaps at any other time in the 132-year history of our Medical Society. A number of these issues can only be addressed by each of us individually. Many more must be addressed by all of us collectively. These are issues that are bringing changes to our profession. Most people do not like change, and it has been wisely said that you can never hope to make another person like change — at best, you can only hope to make him or her feel less threatened by it.

As physicians, we are given an exclusive license to practice medicine by the state. I have a very strong belief that with that exclusive license comes a responsibility of stewardship, a responsibility which, if we do not honor it, can only leave us deserving of the inevitable consequences.

Yes, the world in which we are practicing medicine is changing. For those of us old enough to have experienced the Golden Age of medical practice, the change is frightening — frightening because we realize we are no longer in complete control of our destiny. And for those of you too young to have practiced in the Golden Age, some of the benefits that attracted you to medicine — among them security and prestige — may never be realized.

Sometimes we have great difficulty understanding how these changes will help our patients, our communities, or our medical profession. We have a feeling that we have not been consulted, that these changes are being forced upon us. Many physicians are panicked and that may not always be conducive to logical decisions.

However, I believe change can be an opportunity and a challenge. The underlying theme in Thomas Peters's book, *In Search of Excellence*, is that a number of outstanding companies in this country and abroad that faced significant change accepted it as a challenge and an opportunity, and because they accepted the challenge and looked upon it as an opportunity they became the outstanding companies that they are today.[1]

Change based upon sound policies, and guided by a proper sense of direction, can be a powerful and constructive force. It is time for us as individual physicians, in our county societies, and through the North Carolina Society and the AMA, to seize the opportunities which this time of change offers us and to be not afraid to move forward in a positive manner.

From 3535 Randolph Road, Charlotte 28211.

It is time for us as physicians to re-assert our right and our obligation to lead new efforts to solve the problems that threaten our health care system. It is time for us to recapture our historic role of stewardship for the health of our patients, our communities, and our state. To do so, and to do it successfully, will require that we remain loyal to our heritage but be prepared to respond to new challenges with both the compassion to care and the toughness to lead.

For all physicians — practicing, academic or administrative — the basic challenge today is as old as our profession itself: to provide quality care to each and every one of our patients. But many of the problems we face are new, and we do not have reliable experience to guide us to the best solutions. To solve these new problems we must find new approaches, new allies, and new resources. We must blend realism with idealism but never at the expense of professionalism.

What are our problems? They are numerous but the outstanding ones, as I see them, and not necessarily in this order, are professional image, professional liability, cost management, competition and bioethics.

The Scottish poet Robert Burns wrote: "Would that God would give us the gift to see ourselves as others see us." The image of the personal physician remains very high in the eyes of his or her patient, but over the past 25 years, the image of the medical profession collectively has slowly declined. There are a number of things that have contributed to this, but in my opinion three of the leading causes are: the negative image we have projected by opposing change; the image we often project in today's environment of being more concerned with our own economic welfare than with health care for our patients; and a lack of visible community involvement.

There is nothing wrong with being against a proposed change as long as we can truly defend the old position or offer a better solution than what has been proposed. We must become proactive. We must put our patients ahead of all else. We must become more involved in the world around us: in our communities, our churches, our schools and our government.

Even when we are working 60 hours or more a week in patient care, as many of us do, we are frequently accused of being too busy making money to participate in community or governmental affairs. Our auxiliary sets an excellent example for us and we appreciate what they do for us and for our communities in their many projects, but we physicians need to follow their leadership and visibly and

actively participate. In our approach to the professional liability problem we will accomplish much to improve our image by doing things to better police ourselves. Medical liability is a major problem. It will not be solved by higher and higher insurance premiums nor by more and more costly defensive medicine. The liability problem is not just a problem for physicians and hospitals but a major problem for all citizens, for business and industry, for cities, counties and towns, for daycare centers and riding stables, for our patients, for insurers — and yes, even for lawyers.

Solving this problem will require that all of us contribute to the common good. Acting alone, none of us can solve this complex problem. But acting together, in a cooperative spirit of fair play, we can and must find effective solutions.

The current situation places an unfair financial and personal burden upon our medical care system and threatens access to medical care for many patients. It cannot be allowed to continue.

In the next few months and years all of us will need to invest our time and our resources if we hope to have success with our legislature in the Tort Reform package we have proposed.

The cost of health care is another serious problem where we, as physicians, can exercise our stewardship responsibilities. Health care costs have been escalating at a rate far greater than the rate of inflation for a number of years. Many of the factors that contribute to the high cost of medical care are beyond our control, including the increasing demand for care from an aging population, and the cost of high technology, labor and insurance. My partners and I struggle with this every day in our practice and I am sure most physicians do.

Today, the American people enjoy the finest health care in the world, and in all our efforts at cost containment, we must never lose sight of this fact.

Let us consider unit costs in medical care: When we compare the cost of a day in the hospital, an office visit, a prescription for essential medication, an EKG, a chest x-ray or CAT scan, to what the American people are spending on alcohol, tobacco, illegal drugs, entertainment or automobiles, and compare what they are getting from each, we may conclude something akin to what Mark Twain said about Wagner's music: "It's not as bad as it sounds."

Those paying the bills — business, industry and government — have decided there is a limit to what they are able or willing to pay for health care. Business and government leaders are looking at the bottom line and this is a summation of these unit costs. The bottom line is unit cost times utilization. I submit to you and to anyone who will listen, that, except in isolated cases, a big part of the cost problem is over-utilization and not excessive charges.

For a number of years, the financial incentives we have operated under have rewarded elaborate practice patterns: the more services we delivered, the more we got paid. A physician who practiced conservative cost-effective medicine did so at the expense of his or her income.

This cost problem is very complex. The best solution is voluntary cooperative cost management. The Mecklenburg Medical Society has demonstrated what is possible with this approach and has data to prove it. Business and industry want quality care for their employees but they do not know what or when to cut. Only we physicians can help them to do that intelligently and maintain quality care. If we exert proactive cooperative leadership, we can achieve more significant results with cost management than will ever be attained through cost containment imposed on us.

Dr. Ewe Rheinhardt, noted health economist at Princeton University, says we are no longer in a seller's market, but a buyer's market. We cannot discuss the cost of care without also considering the question of competition. Competition is nothing new to us; physicians and hospitals have traditionally competed among themselves. But this traditional competition was based upon the quality of patient care, the range of available services, and the special quality of the doctor-patient relationship, which are at the heart of our profession. What is new — and troubling to me — is competition based upon the lowest price.

Competition can be a powerful creative force. It can open up new options for patients. It can make all of us more accountable, both to our patients and to our peers. That may be uncomfortable for us, but few of us would argue that accountability is not beneficial to us and to our patients.

But competition that is narrowly focused on the lowest price will not bring forth these advantages. Price competition will sacrifice important long-range values, such as our outstanding medical education programs, to short-range financial gains.

We, as physicians, must resist narrow and misleading price competition. Health Maintenance Organizations (HMO), Preferred Provider Organizations (PPO), surgicenters, walk-in clinics, and all of the other examples of competition in the health field, are here to stay. They have a place in the competitive market place. Many employers, many patients, and many physicians find them attractive.

But we must do whatever we can to make sure that all of the important elements of fair competition — especially the quality of care — are given equal weight. In a phrase that the business people like to use, we must make sure that the playing field is level for all the players. HMOs and PPOs must pay their fair share of the true costs of our health care system — including the cost of caring for the indigent — and their premiums and fees must accurately reflect these costs. We must make sure that the 17% of our population who are uninsured or underinsured and are denied access to the system because of economic factors beyond their control receive the care they need; we must make sure that price competition does not lead to rationing; and above all, where a profit motive enters in for the physician, we must guard against decisions that put the quality of care or adequate access to care at risk.

We must also acknowledge that physicians who choose not to participate in alternative delivery systems can also practice cost-effective medicine; and if they do so choose, we must be sure they are not labeled insensitive to costs.

Rationing of health care is a sensitive, difficult subject. It raises sharp value conflicts over such complex and troubling questions as patient and parental rights, individual autonomy, and ethical professional behavior. The subject of rationing reminds us that despite the truly awesome scientific and technical advances of the recent past, con-

sensus on the bioethical questions of who is to receive treatment, where, for how long, and under what conditions has not progressed very far. Many are asking, how can we provide a new heart or liver for a few, but not adequate health care for the many? There are no easy solutions or quick fixes for the problem of bioethics, which is also a social problem, but I believe physicians must play a decisive role in finding the answers. Health is a community affair, and we must exercise the kind of community leadership for which we are best qualified, to help the citizens determine our society's priorities for health care.

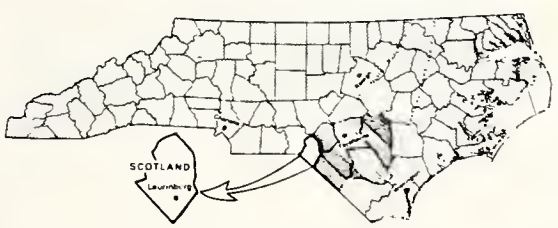
Professional image, professional liability, cost management, competition and bioethics. I have chosen to address these five problems because they are the leading issues of today, in my opinion. I need your help in working hard on all of them, and others this year. We must look upon our problems as a challenge, an opportunity — and be proactive. The welfare of our patients is paramount, and if we are to maintain the level of respect we desire from our patients, we must exercise our responsibility of stewardship.

We must continue the legacy of our outstanding past as we face the challenges and opportunities of today and tomorrow. We must not wear rigid medical blinders but reach out to all citizens of North Carolina to join us in this effort — seeking consensus rather than confrontation, building bridges instead of walls.

Charles DeGaulle once asked, "How can one govern a country in which there are 300 different kinds of cheese?" Similarly, the North Carolina Medical society includes a variety of specialties, interests and opinions. It will not always be possible to satisfy all viewpoints, but I promise to try and to stay in close touch with you. Your strengths and insights will compensate for my weaknesses and your advice and wisdom will help me minimize my mistakes. For it is only by working together in a positive manner that our future in medicine can be even more rewarding. The Golden Age of Medicine can be in our future. Let's make it so!

References

1. Peters TJ. In search of excellence. New York: Harper and Row, 1982.



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SPECIAL ARTICLE

Cancer Epidemiology at the Duke University Comprehensive Cancer Center

A Cooperative Venture Involving Practicing Physicians and Their Patients

Seymour Grufferman, M.D., Dr.P.H.

AT the Duke Comprehensive Cancer Center we have developed an epidemiologic research program which has been responsive to observations of unusual occurrences of cancer in North Carolina and to the availability of local cancer data.

Our first research undertaking of this sort at Duke was in response to the local observation of an apparently increased incidence of a rare childhood tumor, rhabdomyosarcoma. This led to a small case-control study in North Carolina that uncovered a possible association between fathers' cigarette smoking and risk of cancer in their children.[1,2] We are currently conducting a second, national study in which 80% of all cases in the United States will be studied to confirm or refute this finding.[3]

The North Carolina Department of Human Resources developed a special data file in which the occupations of persons who died during 1976-1978 were coded and stored. We have been able to use these North Carolina data for studies of aplastic anemia and occupational pesticide exposures,[4] mortality in women textile workers,[5] and mortality in male farmers.[6]

Among our numerous investigations of unusual occurrences of cancer in North Carolina was one in response to a telephone call from a woman in Charlotte. We uncovered as a result a remarkable epidemic of cancer in an extended family which suggests that a new cancer-causing transmissible agent might have been introduced into the United States.[7] This research is being done in partnership with the University of North Carolina's Lineberger Cancer Research Center.

Our program has also made efforts to investigate unusual occurrences of cancer within families. For example, we are currently investigating a North Carolina family in which all four siblings have developed Hodgkin's disease. We recently reported another local family in which there was a very striking occurrence of gastric cancer, basal cell carcinoma and melanoma.[8] Lastly, we have been responsive to patterns of local expertise in the treatment of cancer. Because of the tradition of large numbers of multiple myeloma patients being seen at Duke, we have conducted the first case-control study of this disease.[9,10]

We are currently in the process of developing programs for the primary prevention of cancer based on the findings of epidemiologic research and would welcome any observations and ideas for further research. While epidemiologists may be well equipped to test potential causal hypotheses, it is practicing physicians and their patients who are in the best position to formulate new hypotheses for research.

From Duke University Medical Center, P.O. Box 3958, Durham 27710

References

1. Grufferman S, Wang HH, DeLong ER, et al. Environmental factors in the etiology of rhabdomyosarcoma in childhood. JNCI 1982;68:107-13.
2. Grufferman S, Delzell ES, Maile MC, Michalopoulos G. Parents' cigarette smoking and childhood cancer. Med Hypotheses 1983;12:17-20.
3. Grufferman S, Delzell E, DeLong ER. An approach to conducting epidemiologic research within cooperative clinical trials groups. J Clin Oncology 1984;2:670-5.
4. Wang HH, Grufferman S. Aplastic anemia and occupational pesticide exposure: A case-control study. J Occup Med 1981;23:364-6.
5. Delzell E, Grufferman S. Cancer and other causes of death among female textile workers, 1976-78. JNCI 1983;71:735-40.
6. Delzell E, Grufferman S. Mortality among white and non-white farmers in North Carolina, 1976-78. Am J Epidemiol 1985;121:391-402.
7. Grufferman S, Raab-Traub N, Marvin K, et al. Burkitt's and other non-Hodgkin's lymphomas in adults exposed to a visitor from Africa. N Engl J Med 1985;313:1525-9.
8. Weston B, Grufferman S, Kostyu D, et al. Familial aggregation of melanoma, basal cell carcinoma, and gastric adenocarcinoma. Cancer 1986;57:2230-4.
9. Johnston JM, Grufferman S, Bourguet CC, et al. Socioeconomic status and risk of multiple myeloma. J Epidemiol Community Health 1985;39:175-8.
10. Bourguet CC, Grufferman S, Delzell ES, et al. Multiple myeloma and family history of cancer: a case-control study. Cancer 1985;56:2133-9.

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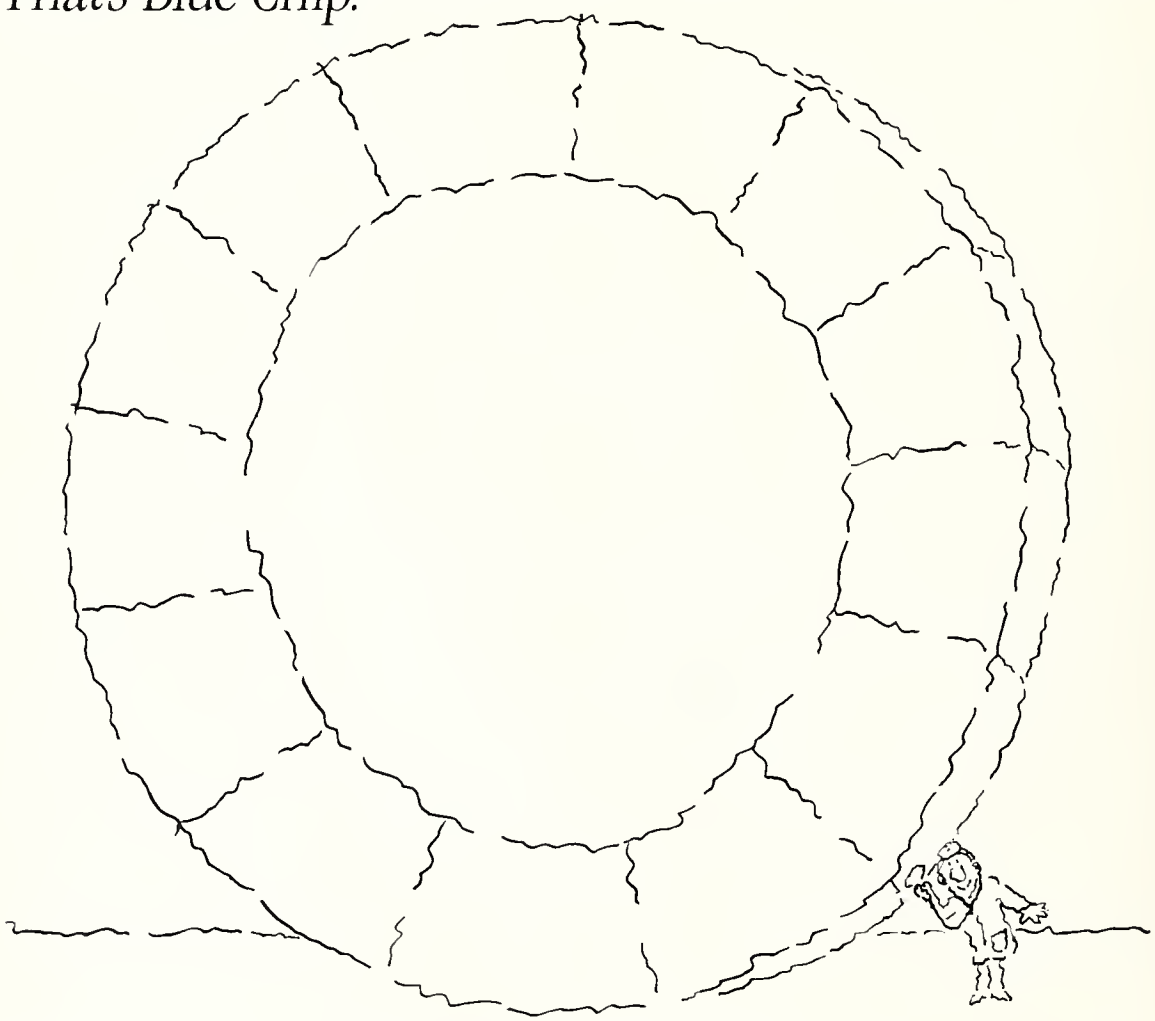
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EDITORIAL

Malpractice, Overpopulation, and Democracy

Albert D. Warshauer, M.D.

MANY articles on medical liability and malpractice have appeared recently in the medical literature. Unfortunately, the element of overpopulation seems to be neglected. I shall begin with a poem.

The Ballad of Population Pete and Sue

Population Pete and Sweet Sue got married,
And what did they do?
They had little Frank,
Who was a lot of fun,
Soon they decided to have another one.

Next came Gwendolyn and Catherine,
Archie and Amy, and Max and Mary,
Lisa and Lionel, and Ernest too.
Sue said, Whoa!
Pete said, Let's try the rhythm method.
It's infallibly recommended,
Angels use it in Heaven.

Then came Leo and Cleo,
And Sam and Pam, and Nathan and Natalie,
And Franklin too.
Enough's enough, said Sue.
It's time for ponderation,
It's time to stop conception,

Heaven is a long way above,
My problem is here below.
I need contraception,
I need a tubal ligation.

Now we can have some fun,
Without having more young 'uns.
We can have jubilation,
Without a whole nation.
And that's the story of Population Pete,
And Feminist Sue.

What has the poem to do with malpractice? Plenty. Malpractice suits seem to be positively correlated with the population of the country and with the population of lawyers and physicians.

Each time Population Pete and Sweet Sue add one more to their many children, they become less able to afford private medical care. When they pay physicians and hospitals money which they need for food, clothing, schooling, and homes, they resent the charges and become biased against the medical profession.

From 1608 East Fifth Street, Greenville 27834.

A jury verdict is the outcome of balancing three items: Facts, Law, and Bias. Strong bias sometimes can, and at times has, outweighed both facts and law. If the jury feels that physicians as a group are too wealthy compared to the remainder of society, they can use the trial to redistribute wealth, with minimal regard to the medical and legal merits of the particular malpractice case. Is such a verdict fair? It depends on the level of your view. As seen by individual physicians, it is grossly wrong and a miscarriage of justice. From the view of people in society who might benefit from this redistribution, it is eminently fair and correct.

Medical practice is a complicated process. Despite our best efforts, an occasional tragic outcome is almost inevitable. When this happens it often is not a black or white situation, but shades of grey. In this circumstance, a jury verdict of all or nothing will be unfair either to the plaintiff or to the defendant. Which side receives the benefit of the doubt and which side is affected adversely is sometimes determined by the bias of the jury.

Malpractice suits and judgments against physicians are not solely a function of medical errors and injuries. In past decades, medical care was much less advanced, but malpractice suits were rare. It almost seems that, as medical care improves, the malpractice problem becomes worse.

When a society becomes severely overpopulated, a problem arises which overall is more serious than malpractice suits. Overpopulation, economic stratification, and democracy form an incompatible trio. Suppose a democratic country starts with some rich people and a few poor people. The leaders are wealthy. The people are happy, or at least not so discontented as to seek their remedy in major social changes. Democracy can flourish.

As the country becomes overpopulated, rich people become fewer and poor people become more numerous. This shift is obvious because dividing a pie into more parts makes the average slice smaller. Poor people acquire a large majority of the votes. Then an open, fair democracy poses a threat to the wealthy leaders. If they lose an honest election, the opponents can tax them and distribute their wealth to the poor. When this threat becomes serious, the democracy is doomed. Wealthy leaders are not going to allow a fair election in which the winning opponents can make them poor too.

The process of democracy resembles climbing a stairway. Failure of any step breaks the process. The steps include:

1. Setting elections
2. Ability to be listed on the ballot; candidate entry fees

3. Distribution of information by candidate to voters
4. Receipt of information by voters
5. Secret voting; no retribution on opponents
6. Fair counting of votes.

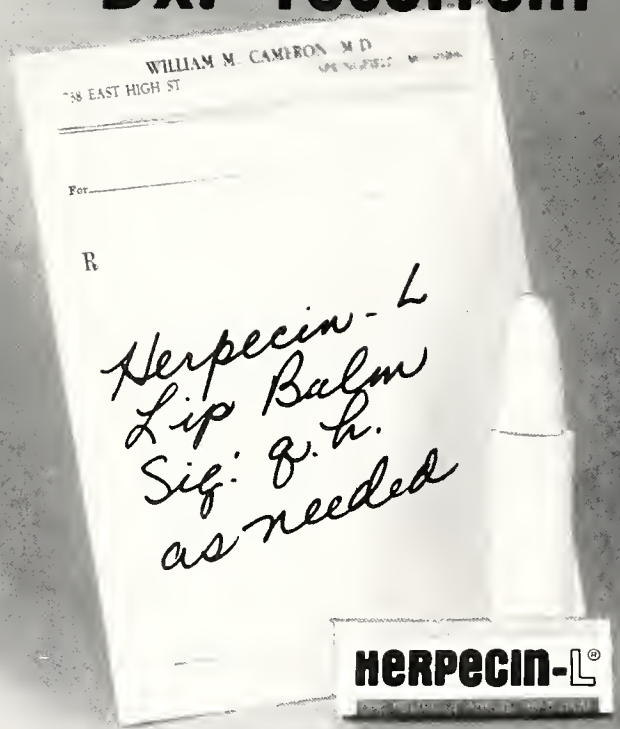
Weakening any step impairs democracy. Democracy is more than just voting; it is an entire process.

For instance, voting may be allowed, but the flow of information can be restricted in a way favoring the rich. That democracy is now being eroded in the United States can be seen from the last North Carolina race for the U.S. Senate, in which the candidates spent millions of dollars on television and other commercials. Honest poor people cannot afford to enter this race. In theory, democracy is fully present; in practice, it can be restricted to rich people and their favored candidates.

The situation in the USA is gradually beginning to resemble the USSR. In theory, the people in the USSR can vote; in practice, there is only one list of candidates for whom they can vote.

In the long run, if we want to do something constructive about the malpractice problem, we would do well to stop ignoring overpopulation. Otherwise, we may see the conversion of Sweet or Feminist Sue into Malpractice Sue. After that, the next step may be the solution of the malpractice problem by a changed society, which has shifted from democracy to an oligarchy of the rich.

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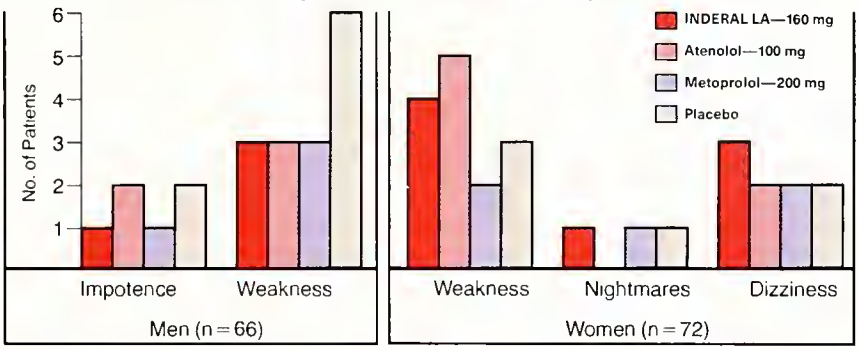
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CONTRAINDICATIONS

Propranolol hydrochloride (INDERAL® LA): Propranolol is contraindicated in 1) cardiogenic shock; 2) sinus bradycardia and greater than first degree block; 3) bronchial asthma; 4) congestive heart failure (see WARNINGS) unless the failure is secondary to a tachyarrhythmia treatable with propranolol

Hydrochlorothiazide: Hydrochlorothiazide is contraindicated in patients with anuria or hypersensitivity to this or other sulfonamide-derived drugs

WARNINGS

Propranolol hydrochloride (INDERAL® LA): CARDIAC FAILURE: Sympathetic stimulation may be a vital component supporting circulatory function in patients with congestive heart failure, and its inhibition by beta blockade may precipitate more severe failure. Although beta blockers should be avoided in overt congestive heart failure, if necessary, they can be used with close follow-up in patients with a history of failure who are well compensated, and are receiving digitalis and diuretics. Beta-adrenergic blocking agents do not abolish the inotropic action of digitalis on heart muscle.

IN PATIENTS WITHOUT A HISTORY OF HEART FAILURE, continued use of beta blockers can, in some cases, lead to cardiac failure. Therefore, at the first sign or symptom of heart failure, the patient should be digitalized and/or treated with diuretics, and the response observed closely, or propranolol should be discontinued (gradually, if possible).

IN PATIENTS WITH ANGINA PECTORIS, there have been reports of exacerbation of angina and, in some cases, myocardial infarction following *abrupt* discontinuance of propranolol therapy. Therefore, when discontinuance of propranolol is planned the dosage should be gradually reduced and the patient carefully monitored. In addition, when propranolol is prescribed for angina pectoris, the patient should be cautioned against interruption or cessation of therapy without the physician's advice. If propranolol therapy is interrupted and exacerbation of angina occurs, it usually is advisable to reinstitute propranolol therapy and take other measures appropriate for the management of unstable angina pectoris. Since coronary artery disease may be unrecognized, it may be prudent to follow the above advice in patients considered at risk of having occult atherosclerotic heart disease who are given propranolol for other indications.

THYROTOXICOSIS: Beta blockade may mask certain clinical signs of hyperthyroidism. Therefore, abrupt withdrawal of propranolol may be followed by an exacerbation of symptoms of hyperthyroidism, including thyroid storm. Propranolol does not distort thyroid function tests.

IN PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME, several cases have been reported in which, after propranolol, the tachycardia was replaced by a severe bradycardia requiring a demand pacemaker. In one case this resulted after an initial dose of 5 mg propranolol.

MAJOR SURGERY: The necessity or desirability of withdrawal of beta-blocking therapy prior to major surgery is controversial. It should be noted, however, that the impaired ability of the heart to respond to reflex adrenergic stimuli may augment the risks of general anesthesia and surgical procedures.

Nonallergic Bronchospasm (eg, chronic bronchitis, emphysema)— PATIENTS WITH BRONCHOSPASTIC DISEASES SHOULD, IN GENERAL, NOT RECEIVE BETA BLOCKERS. INDERAL should be administered with caution, since it may block bronchodilation produced by endogenous and exogenous catecholamine stimulation of beta receptors.

DIABETES AND HYPOGLYCEMIA: Beta-adrenergic blockade may prevent the appearance of certain premonitory signs and symptoms (pulse rate and pressure changes) of acute hypoglycemia in labile insulin-dependent diabetes. In these patients, it may be more difficult to adjust the dosage of insulin. Hypoglycemic attacks may be accompanied by a precipitous elevation of blood pressure.

Hydrochlorothiazide: Thiazides should be used with caution in severe renal disease. In patients with renal disease, thiazides may precipitate azotemia. In patients with impaired renal function, cumulative effects of the drug may develop.

Thiazides should also be used with caution in patients with impaired hepatic function or progressive liver disease, since minor alterations of fluid and electrolyte balance may precipitate hepatic coma.

Thiazides may add to or potentiate the action of other antihypertensive drugs. Potentiation occurs with ganglionic or peripheral adrenergic-blocking drugs.

Sensitivity reactions may occur in patients with a history of allergy or bronchial asthma.

The possibility of exacerbation or activation of systemic lupus erythematosus has been reported.

PRECAUTIONS

Propranolol hydrochloride (INDERAL® LA): GENERAL: Propranolol should be used with caution in patients with impaired hepatic or renal function. Propranolol is not indicated for the treatment of hypertensive emergencies.

Beta-adrenoreceptor blockade can cause reduction of intraocular pressure. Patients should be told that propranolol may interfere with the glaucoma screening test. Withdrawal may lead to a return of increased intraocular pressure.

CLINICAL LABORATORY TESTS: Elevated blood urea levels in patients with severe heart disease, elevated serum transaminase, alkaline phosphatase, lactate dehydrogenase.

DRUG INTERACTIONS: Patients receiving catecholamine-depleting drugs, such as reserpine, should be closely observed if propranolol is administered. The added catecholamine-blocking action may produce an excessive reduction of resting sympathetic nervous activity, which may result in hypotension, marked bradycardia, vertigo, syncopal attacks, or orthostatic hypotension.

CARCINOGENESIS, MUTAGENESIS, IMPAIRMENT OF FERTILITY: Long-term studies in animals have been conducted to evaluate toxic effects and carcinogenic potential. In 18-month studies, in both rats and mice, employing doses up to 150 mg/kg/day, there was no evidence of significant drug-induced toxicity. There were no drug-related tumorigenic effects at any of the dosage levels. Reproductive studies in animals did not show any impairment of fertility that was attributable to the drug.

PREGNANCY: Pregnancy Category C. Propranolol has been shown to be embryotoxic in animal studies at doses about 10 times greater than the maximal recommended human dose. There are no adequate and well-controlled studies in pregnant women. Propranolol should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

NURSING MOTHERS: Propranolol is excreted in human milk. Caution should be exercised when propranolol is administered to a nursing mother.

PEDIATRIC USE: Safety and effectiveness in children have not been established.

Hydrochlorothiazide: GENERAL: Periodic determination of serum electrolytes to detect possible electrolyte imbalance should be performed at appropriate intervals.

All patients receiving thiazide therapy should be observed for clinical signs of fluid or electrolyte imbalance, namely: Hyponatremia, hypochloremic alkalosis, and hypokalemia. Serum and urine electrolyte determinations are particularly important when the patient is vomiting excessively or receiving parenteral fluids. Medication such as digitalis may also influence serum electrolytes. Warning signs irrespective of cause are: Dryness of mouth, thirst, weakness, lethargy, drowsiness, restlessness, muscle pains or cramps, muscular fatigue, hypotension, oliguria, tachycardia, and gastrointestinal disturbances such as nausea and vomiting.

Hypokalemia may develop, especially with brisk diuresis, when severe cirrhosis is present, or during concomitant use of corticosteroids or ACTH.

Interference with adequate oral electrolyte intake will also contribute to hypokalemia. Hypokalemia can sensitize or exaggerate the response of the heart to the toxic effect of digitalis (eg, increased ventricular irritability). Hypokalemia may be avoided or treated by use of potassium supplements, such as foods with a high potassium content.

Any chloride deficit is generally mild and usually does not require specific treatment, except under extraordinary circumstances (as in liver or renal disease). Dilutional hyponatremia may occur in edematous patients in hot weather; appropriate therapy is water restriction, rather than administration of salt, except in rare instances when the hyponatremia is life-threatening. In actual salt depletion, appropriate replacement is the therapy of choice.

Hyperuricemia may occur or frank gout may be precipitated in certain patients receiving thiazide therapy.

Insulin requirements in diabetic patients may be increased, decreased, or unchanged. Diabetes mellitus which has been latent may become manifest during thiazide administration.

If progressive renal impairment becomes evident, consider withholding or discontinuing diuretic therapy.

Thiazides may decrease serum PBI levels without signs of thyroid disturbance.

Calcium excretion is decreased by thiazides. Pathologic changes in the parathyroid gland with hypercalcemia and hypophosphatemia have been observed in a few patients on prolonged thiazide therapy. The common complications of hyperparathyroidism, such as renal lithiasis, bone resorption, and peptic ulceration, have not been seen. Thiazides should be discontinued before carrying out tests for parathyroid function.

DRUG INTERACTIONS: Thiazide drugs may increase the responsiveness to tubocurarine.

The antihypertensive effects of thiazides may be enhanced in the postsympathectomy patient. Thiazides may decrease arterial responsiveness to norepinephrine. This diminution is not sufficient to preclude effectiveness of the pressor agent for therapeutic use.

PREGNANCY: Pregnancy Category C. Thiazides cross the placental barrier and appear in cord blood. The use of thiazides in pregnancy requires that the anticipated benefit be weighed against possible hazards to the fetus. These hazards include fetal or neonatal jaundice, thrombocytopenia, and possibly other adverse reactions which have occurred in the adult.

NURSING MOTHERS: Thiazides appear in human milk. If use of the drug is deemed essential, the patient should stop nursing.

PEDIATRIC USE: Safety and effectiveness in children have not been established.

ADVERSE REACTIONS

Propranolol hydrochloride (INDERAL® LA): Most adverse effects have been mild and transient and have rarely required the withdrawal of therapy.

Cardiovascular: Bradycardia, congestive heart failure; intensification of AV block, hypotension, paresthesia of hands, thrombocytopenic purpura, arterial insufficiency, usually of the Raynaud type.

Central Nervous System: Lightheadedness, mental depression manifested by insomnia, lassitude, weakness, fatigue, reversible mental depression progressing to catatonia, visual disturbances; hallucinations; an acute reversible syndrome characterized by disorientation for time and place, short-term memory loss, emotional lability, slightly clouded sensorium, and decreased performance on neuropsychometrics.

Gastrointestinal: Nausea, vomiting, epigastric distress, abdominal cramping, diarrhea, constipation; mesenteric arterial thrombosis; ischemic colitis.

Allergic: Pharyngitis and agranulocytosis, erythematous rash, fever combined with aching and sore throat, laryngospasm and respiratory distress.

Respiratory: Bronchospasm.

Hematologic: Agranulocytosis; nonthrombocytopenic purpura; thrombocytopenic purpura.

Auto-Immune: In extremely rare instances, systemic lupus erythematosus has been reported.

Miscellaneous: Alopecia, LE-like reactions; psoriasiform rashes, dry eyes, male impotence, and Peyronie's disease have been reported rarely. Oculomucocutaneous reactions involving the skin, serous membranes, and conjunctivae reported for a beta blocker (practolol) have not been associated with propranolol.

Hydrochlorothiazide:

Gastrointestinal: Anorexia, gastric irritation, nausea, vomiting, cramping, diarrhea, constipation, jaundice (intrahepatic cholestatic jaundice); pancreatitis; sialadenitis.

Central Nervous System: Dizziness, vertigo; paresthesias, headache; xanthopsia.

Hematologic: Leukopenia, agranulocytosis; thrombocytopenia, aplastic anemia.

Cardiovascular: Orthostatic hypotension (may be aggravated by alcohol, barbiturates, or narcotics).

Hypersensitivity: Purpura, photosensitivity, rash; urticaria, necrotizing angiitis (vasculitis, cutaneous vasculitis), fever, respiratory distress, including pneumonitis; anaphylactic reactions.

Other: Hyperglycemia, glycosuria, hyperuricemia, muscle spasm; weakness, restlessness, transient blurred vision.

Whenever adverse reactions are moderate or severe, thiazide dosage should be reduced or therapy withdrawn.

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REFERENCE:

1. Ravid M, Lang R, Jutrin I: The relative antihypertensive potency of propranolol, oxprenolol, atenolol, and metoprolol given once daily. *Arch Intern Med* 1985;145:1321–1323.

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EDITORIAL

Why Not?

John R. Gamble, Jr., M.D.

WARNING: The Anystate Medical Society says that medical advice or treatment may be harmful or dangerous to your health. Medical scientists contend that the practice of medicine is not an exact science, that response to medical treatment varies from individual to individual, and that errors or poor results may occur.*

RECENTLY a United States Federal Court ruled in a tobacco product liability suit that the plaintiff was adequately warned of the dangers of tobacco use by the U.S. Surgeon General's warning appearing on tobacco products. The case was dismissed. An interesting point in tobacco liability suits is that the claims for alleged health damages are generally based on damages occurring before the Surgeon General's warning appeared.

Product liability to an industry is basically the same problem that malpractice is to the professions. The tort laws are generally similar or the same.

In the discussion of treatment and potential results with patients, are physicians not also giving a warning while obtaining informed consent — except in more euphemistic terms? The published warning concept takes nothing from the truly harmed patient but clarifies that negligence must be proved. It also addresses the patients' expectations of always receiving safe and good results — of harmless, life-saving, no-risk care by health providers.

Where better than in North Carolina to start this potentially effective legal position on malpractice litigation for the future? Here the originally resented warning has emerged as a benefit to the product liability problems of the tobacco industry. So let it start in North Carolina with an active publicity campaign in the media, on signs in physicians' offices, emergency rooms, hospital corridors, and on physician and hospital stationery. It will spread to other states as they hear of it and accept the reasonableness and facility of the concept.

SURGEON GENERAL'S WARNING: Cigarette Smoke Contains Carbon Monoxide.

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* Or the Lincoln County Medical Society, or the N.C. Medical Society, or the AMA, or the U.S. Surgeon General, or the U.S. Secretary of Health And Human Services, or the N.C. Public Health Officer. The statement would need to name the organization or the official cited.

SCIENTIFIC ARTICLE

Disseminated Gonococcal Infection and Acute Pericarditis

Joy L. Boone, M.D., Nicholas A. Patrone, M.D. and Janice E. Daugherty, M.D.

PERICARDITIS has infrequently[1-4] been described as a complication of disseminated gonococcal infection. In the case we shall discuss, the 32-year-old black male patient experienced the onset of myalgia in both thighs and arthralgias of the right ankle and right third metacarpophalangeal joint, accompanied by malaise, decreased appetite, chills, and a low-grade fever. The next day he noted diarrhea, a mid-sternal "tightness" which was worsened by inspiration and supine position, and dyspnea with minimal exertion. Because of worsening chest pain and dyspnea, he sought medical care at the emergency room on the third day of illness. He reported cunnilingus four months previously, and last coitus was two weeks prior to his illness. He denied homosexual activity or known gonococcal contact.

Examination revealed a pulse of 120 per minute, respiratory rate 44 per minute, blood pressure 158/100 mm Hg, and an oral temperature of 38.5° C. Inspiratory effort was poor secondary to splinting. Heart sounds were distant without murmur or rub. The right ankle was slightly edematous without erythema, tenderness, or warmth. No skin lesions were present. Laboratory studies included a complete blood count with 17,600 leukocytes, 80% polymorphonuclear leukocytes, 5% bands, 9% lymphocytes, 3% atypical lymphs, 2% metamyelocytes. Serial measurements of the isoenzymes of creatine phosphokinase and lactic dehydrogenase revealed no changes suggestive of cardiac damage. Two blood cultures were negative. An initial electrocardiogram (EKG; figure 1) revealed diffuse ST segment elevation and depression of the PR segment consistent with acute pericarditis. An echocardiogram was normal without evidence of pericardial effusion.

Throughout the next 24 hours, his chest pain and dyspnea gradually resolved, but he experienced migratory polyarthralgias involving the third metacarpophalangeal joint, left first metacarpal joint, right ankle, left knee, and left temporal mandibular joint; with a fever of 37.9° C. A repeat EKG (figure 2) revealed new T wave inversion in V_1. The diffuse ST evaluations were unchanged. Discrete 5-10 mm vesiculo-pustular lesions on an erythematous base appeared over the distal extremities. Twenty-four hours later he developed a warm, erythematous right knee with a moderate effusion. Synovial fluid examination revealed a total leukocyte count of 95,000 with 98% polymorphonuclear leukocytes, gram-negative diplococci present on gram stain, and no crystals; culture was positive for *Neisseria gonorrhoeae*. Pharyngeal culture was also positive for *Neisseria gonorrhoeae*; urethral and rectal cultures were negative. He was treated for seven days with intravenous penicillin G, 12 million units per day, and daily arthrocentesis of the right knee. He improved clinically, and a total treatment course of 14 days was completed with oral penicillin. After treatment, his electrocardiogram returned to normal.

From East Carolina University School of Medicine, P.O. Box 1846, Greenville 27834.

Discussion

Although electrocardiographic abnormalities[1-3] and pericardial rub[2-4] have been noted in the past as complications of disseminated gonococcal infection, there have been no reports where the symptoms of pericarditis so dominated

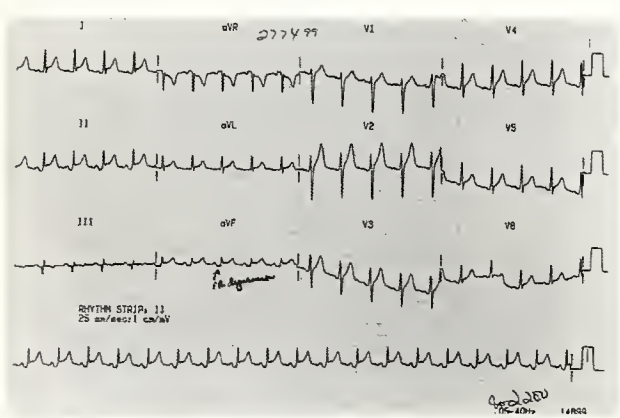


Figure 1.

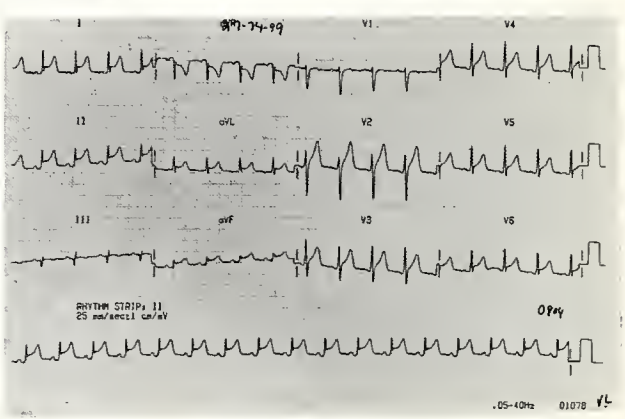


Figure 2.

the early stages of the infection. Since 1903, there have been five case reports[1-4] of culture-proven gonococcal infection leading to disseminated gonococcal infection associated with acute pericarditis. The initial focus of infection was presumed to be the cervix in one case[3] and the urethra in 3 cases.[2-4] In the remaining case report, the initial focus of infection was unclear;[1] electrocardiogram revealed ST elevation, but there was no mention of the presence of a friction rub or clinical presentation.[1]

Two cases reported by Vietzke[3] had electrocardiographic evidence of pericarditis without symptoms or a friction rub. Holmes[2] reported gonococcal urethritis associated with pericardial pain, a friction rub, and electrocardiographic changes consistent with acute pericarditis. Robin[4] reported a case in which pericarditis and a fibrinous pericardial effusion developed days after the onset of migratory polyarthralgia, with culture-proven gonococcal urethritis and septicemia. Seventeen reports of suspected gonococcal pericarditis lacked bacteriologic confirmation.[5-8] Culture-proven gonococcal endocarditis has been associated with pericarditis in five cases.[9,10]

Conclusion

Several interesting aspects of disseminated gonococcal infection are demonstrated by this patient's illness. The asymptomatic carrier state has been reported as the primary risk factor for disseminated gonococcal infection in men,[11] as was the case with this patient. His course illustrated a continuum of the asymptomatic pharyngeal infection leading to the syndrome of fever, polyarthralgias, pericarditis progressing over several days to migratory polyarthralgias and dermatitis, and finally leading to the syndrome of purulent mono-arthritis. Deficiencies of complement components C_5, C_6, C_7, and C_8 have been shown to be associated with disseminated gonococcal infection.[12] Although our patient's complement total hemolytic activity was below normal levels, no deficiency of complement components was found.

The differential diagnosis of fever, polyarthralgias and pericarditis includes systemic lupus erythematosis, rheumatic fever, rheumatoid arthritis, hepatitis B infection, uremia, neoplasm, acute myocardial infarction, viral illnesses and other bacterial infections. This case demonstrates the possibility of confusing acute pericarditis secondary to disseminated gonococcal infection with other diseases, and the need for cultures of pharynx, rectum, cervix and/or urethra with selective media to rule out disseminated gonococcal infection as the cause for acute pericarditis.

Acknowledgements

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References

1. Goobar JE, Clark GM. Rheumatological manifestations of gonorrhea. Arch Interamer Rheumatol 1964;7:1-24.
2. Holmes KK, Counts GW, Beaty HN. Disseminated gonococcal infection. Ann Intern Med 1971;74:979-93.
3. Vietzke WM. Gonococcal arthritis with pericarditis. Arch Intern Med 1966;117:270-2.
4. Robin A, Fiessinger N. Pericardite gonococcique a epanchement. Bull Soc Hop Paris 1912;34:802-13.
5. Boyle JD, Pearce ML, Guze LB. Purulent pericarditis: review of literature and report of eleven cases. Medicine 1961;40:119-42.
6. Van Der Veer JB, Norris RF. The electrocardiographic changes in acute pericarditis. Amer Heart J 1937;14:31-50.
7. Williamson EG. Purulent pericarditis in childhood. Ann Surg 1927;85:659-67.
8. Robey WH. Acute pericarditis. Amer J Med Sci 1917;153:529-547.
9. Silvestrini R. Poliatrite endocardite septicemia gonococcica. Riv Crit Clin Med 1903;4:385-417.
10. Thayer WS. On the cardiac complications of gonorrhea. Johns Hopkins Hospital Bulletin, October 1922.
11. Britigan BE, Cohen MS, Sparling PF. Gonococcal infection: a model of molecular pathogenesis. N Eng J Med 1985;312:1683-94.
12. O'Brien JP, Goldenberg DL, Rice PA. Disseminated gonococcal infection: a prospective analysis of 49 patients and a review of pathophysiology and immune mechanisms. Medicine 1983;62:395-406.

SCIENTIFIC ARTICLE

Obstructive Sleep Apnea: Recognition, Evaluation, and Treatment

Michael D. Poole, M.D., Duncan S. Postma, M.D., Harold C. Pillsbury, M.D., J. Martin Prince, M.D. and Brian A. Boehlecke, M.D.

• *Recognition of the clinical importance of obstructive sleep apnea has led to the development of new surgical procedures designed to relieve upper airway obstruction in an effort to avoid the problems associated with chronic tracheostomy.*

THE unfortunate individual afflicted with severe snoring has long been the object of ridicule, and is typically left to sleep alone. Until recent years, the only significant sequelae attributed to snoring were social in nature. It is now known, however, that chronic snoring represents partial airway obstruction, and can be the forerunner of obstructive sleep apnea (OSA). The magnitude of the problem is reflected in the estimate that there may be 20 million Americans who snore chronically, 70% of whom have some degree of OSA.[1]

Pathophysiology

Obstructive sleep apnea is present when there are more than five episodes per hour of cessation of airflow for longer than ten seconds, accompanied by continued respiratory efforts. If respiratory effort is absent, the patient has central apnea. Commonly, patients have elements of both obstructive and central apnea, and are considered to have mixed apnea. Recurrent apnea may produce important adverse effects including disruption of normal sleep patterns, severe hemoglobin desaturation, and the appearance of potentially serious cardiac arrhythmias. The clinical spectrum of OSA ranges from bothersome snoring to the hypersomnolence, periodic breathing, chronic hypoventilation, polycythemia, and cor pulmonale described by Charles Dickens in *Pickwick Papers*. While the majority of patients with OSA are obese, 15-20% are of normal weight.

The obstructive apnea appears to result from abnormal neuromuscular function in the upper airway, often exacerbated by anatomic factors. The neuromuscular dysfunction is presently incompletely understood, but there appears to be selective decrease in the tonic and phasic respiratory activity of pharyngeal musculature. Sedatives, including alcohol, clearly exacerbate this dysfunction.[2] Obstruction typically occurs in the oropharynx at the soft palate level, the base of the tongue, or at both sites. [3-5]

Endoscopy or flouroscopy can be used to determine the site of obstruction, while cephalometric radiographs and computerized tomography can depict the static airway dimensions. Regardless of the precise anatomic location of complete airway obstruction, narrowing of the upper airway at any site increases the negative pressure in the airway, and contributes to airway collapse on inspiration. Enlarged tonsils, redundant mucosa, an elongated soft palate, a narrow oropharyngeal inlet, a large tongue, nasal obstruction, or mandibular deficiency may significantly contribute to upper airway obstruction. Demonstration of the specific anatomic abnormalities is therefore critical in the selection of appropriate surgical techniques.

Evaluation

It is important for the physician to suspect sleep apnea when certain symptoms are present. The daytime sleepiness that results from disruption of normal sleep patterns ranges in severity from mild to incapacitating. Morning headaches, confusion, difficulty concentrating, depression, insomnia, and impotence are also common complaints.

Hypertension is present in over 50% of patients with OSA. Cor pulmonale with right heart failure is a late finding. It is thus clear that patients may present with chief complaints not obviously related to a sleep disorder. The goal is to make the diagnosis prior to the development of cor pulmonale or life-threatening cardiac arrhythmias. The alert clinician will query the patient and his or her family about snoring and sleep patterns. All patients with OSA have a history of loud and persistent snoring. While the patient may be able to recall awakening and gasping for breath, if is often the bed partner who observes whether or not apneic spells interrupt the steady, sonorous snoring. Most patients with OSA snore in all positions; some will assume bizarre sleeping postures in an attempt to avoid obstruction. The severity of OSA can be further estimated from the loudness of the snoring and the observed breathing pattern.

Since hypothyroidism may present as OSA, the initial evaluation should include thyroid function tests. Weight

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loss and discontinuation of sedatives (alcohol, sleeping pills) may result in resolution of the patient's problem. However, patients with severe snoring, observed frequent apneas, or any secondary symptoms such as hypersomnolence or cardiopulmonary compromise should be referred for extensive evaluation.

In the patient with OSA, a careful head and neck examination including upper airway endoscopy may demonstrate unusual causes of obstruction such as nasopharyngeal masses or glottic or supraglottic lesions. The degree of tonsillar enlargement, macroglossia, micrognathia, or nasal obstruction may also be assessed. A constricted oropharyngeal airway with a thick soft palate and elongated uvula will often be found. Flexible endoscopy in the somnolent patient may dramatically demonstrate the site of airway obstruction.

While historical and physical findings can strongly suggest OSA, the cornerstone of diagnosis is polysomnography. This procedure allows determination of the type and severity of apneic episodes. Continuous oximetry documents oxyhemoglobin desaturation, while cardiac rhythm and respiratory effort are simultaneously recorded. Measurement of nasal or oropharyngeal airflow and respiratory effort allows correlation of cardiac arrhythmias and hypoxemia with apneic episodes. Sleep staging may be accomplished using electroencephalogram, electromyogram, and electrooculogram. Polysomnography is the only accurate means to diagnose OSA, to determine its severity, and to follow the patient's response to treatment.

Therapy

Medical therapy for OSA has been disappointing. Weight reduction, avoidance of ethanol and other sedatives, positive airway pressure, nocturnal oxygen, orthognathic tongue retaining devices, and a variety of drugs have been used. Resolution of OSA has been reported in obese patients who achieve a significant weight loss.[6] Unfortunately, weight loss is often difficult to achieve and maintain, limiting its usefulness as a treatment for OSA. Nocturnal oxygen has recently been shown to decrease the frequency of apnea and the extent of hemoglobin desaturation during obstruction, but is only partially effective in a limited number of patients.[7] The use of positive pressure techniques such as nasal continuous positive airway pressure (CPAP) has been shown to competely eliminate OSA, as long as the CPAP is continued. However, this is an uncomfortable and cumbersome form of treatment which may not be acceptable for long-term management of large numbers of patients.[8]

A number of drugs have been studied including progesterone, protriptyline, and acetazolamide.[9-14] Progesterone is a respiratory stimulant, but is only minimally effective in patients with OSA. Acetazolamide has been modestly useful only in patients with central sleep apnea. The drug that has been most effective is protriptyline. This drug decreases the amount of rapid eye movement (REM) sleep and may preferentially augment the function of pharyngeal musculature. Protriptyline has been partially successful in about 40% of patients, but often causes intolerable side effects.

Tracheostomy remains the definitive treatment of upper airway obstruction and is the only reliable therapy for life-threatening OSA. All individuals who maintain a tracheostomy achieve remission of their symptoms and elimination of upper airway obstruction. However, tracheostomy carries an inherent morbidity and mortality, particularly in the morbidly obese patient, and is an unacceptable alternative for those with only mild OSA.

Until 1981, tracheostomy remained the only uniformly successful treatment for OSA, although certain patients were reported to have been cured by nasal surgery, tonsillectomy, or mandibular advancement. In that year, Fujita, et al., reported results of a new type of oropharyngeal surgery.[15] Fujita adapted a procedure developed to treat snoring described by Ikematsu in the Japanese literature in 1964. Ikematsu noted excessive oropharyngeal mucosa and a thickened, elongated uvula and soft palate in many of the chronic snorers whom he studied. He felt that oropharyngeal narrowing was responsible for the snoring in over 90% of the patients. Recognizing the relationship between snoring and OSA, Fujita's group employed the uvulopalatopharyngoplasty (UPPP) to relieve symptoms in patients with documented OSA. During UPPP the uvula, tonsils, excess pharyngeal mucosa, and a portion of the soft palate are removed to enlarge the upper airway. Fujita, et al., have reported that 85% of those with hypersomnolence were improved after UPPP, and 98% had improvement in snoring.[16] One-half of their patients showed a significant reduction in the number of apneic episodes. Similar results have been reported in case series reported by Simmons, et al.[1] There is a suggestion that patients with mild OSA may expect better results with UPPP.[1, 16] Similarly, simple bothersome snoring, without complete obstruction, is consistently relieved by UPPP with adjunctive nasal surgery as needed.[17] In patients requiring tracheostomy, UPPP has been reported to improve the likelihood of decannulation of the tracheostomy, although the number of patients reported was quite small.[16]

Clinical Results

Sixty-six adults have been followed after undergoing surgery for documented OSA since 1981 at North Carolina Memorial Hospital (NCMH). Each patient had undergone preoperative polysomnography. Sixty-two have undergone UPPP, with resection of enough of the soft palate so that the palate clears the posterior pharyngeal wall. Forty-three patients underwent adjunctive nasal surgery (septoplasty and/or partial resection of turbinates), and a single patient underwent mandibular advancement.

Our evaluation also includes pre- and postoperative speech pathology evaluation, with voice recordings. To date, there has not been any significant effect on speech or ability to acclude the nasopharynx after UPPP. In languages other than English, that rely on palatal vibration for formation of a gutteral "r" or "uvular trill," the impact may be important, as those sounds are often affected.

Twenty-three patients with severe OSA required tracheostomy. Thirteen of these demonstrated adequate improvement of OSA in postoperative sleep studies and have had their tracheostomies decannulated. Of 55 patients with adequate follow-up after UPPP, 50 (91%) have had resolution or marked improvement of snoring, with a similar

success rate in patients presenting with hypersomnolence.

While the injudicious resection of the soft palate may result in palatal incompetence, affecting speech and eating, that has not been a problem in this series of patients with UPPPs. Only two patients have noted mild nasal escape of liquids with rapid swallowing; speech has not been affected. Early postoperative bleeding has been noted in two patients, which is about the same rate as for tonsillectomies. On close questioning, sixty percent of those undergoing UPPP relate having signs of "sinus" or "postnasal drip," with the sensation that they need to clear their throats excessively. This is probably due to oral secretions extending higher into the nasopharynx after resection of the soft palate. One individual developed nasopharyngeal stenosis following UPPP, with worsening of his OSA. This has been repaired with improvement in his apnea. An elderly patient with severe OSA, cor pulmonale, alveolar hypoventilation, and a history of multiple myocardial and cerebral infarctions died three days after tracheostomy and UPPP, probably of respiratory arrest.

Case Histories

The following cases are presented as illustrative of various presentations, treatments, and outcomes.

F.T. is a young woman who developed progressive congestive heart failure in the two years preceeding her tracheostomy. She had become hypersomnolent and was diagnosed, on the basis of mental status changes, as a schizophrenic. Progressive hypoxemia and hypercapnia was accompanied by bronchospastic lung disease. She becane bedridden and required continuous supplemental oxygen. Weight gain was progressive as she awakened essentially only for meals. She had had multiple admissions to intensive care units with acute respiratory arrests and right heart failure. Obstructive sleep apnea was confirmed by polysomnography. An hepatic insufficiency-related coagulopathy resolved on medical management before she underwent a tracheostomy under local anesthesia. Within two months her mental status and activity level were normal with only mild resting hypoxemia. With a resumption of exercise and her tracheostomy aiding motivation, she lost 34 kg. A sleep study showed no complete apneic spells, although she showed moderate nocturnal desaturation (72%), associated with partial airway obstruction and snoring. Because of her enlarged tonsils and large soft palate, she subsequently underwent a UPPP without incidence. Even though she has regained an additional 10 kg, post-UPPP sleep study showed no airway obstruction and no oxygen desaturation. Her hypertension is improved, the tracheostomy was removed and she continues to do well.

R.G., at 31 years old, was initially referred to NCMH for bariatric surgery, weighing 199 kg. Preoperative evaluation showed marked hypercapnia (70-90 mm Hg) with mild hypoxemia. Since he had a history suggestive of OSA, a sleep study was performed, showing severe OSA with hemoglobin saturation dropping regularly below 20%. He was felt to be in moderate congestive failure and deemed to be too high of an operative risk for bariatric surgery. At that time he underwent a tracheostomy under local anesthesia. In the following two months his cardiopulmonary problems completely resolved, as did a venous stasis ulcer of 18 months duration. He lost 20 kg and underwent an uneventful vertical banded gastroplasty. The tracheostomy was removed and he has subsequently lost an additional 50 kg. He has no symptoms of OSA, and he has declined a postoperative sleep study.

L.Y. was 62 years old when referred to NCMH after his fourth episode of acute respiratory arrest secondary to congestive failure and cor pulmonale. His family gave a classic history for OSA, and his snoring and hypersomnolence were legendary in their community. He could not engage in conversation without falling asleep. He frequently took three hours to eat a meal. With inactivity and fluid retention, his weight steadily increased. After a sleep study demonstrated severe OSA, he underwent a standard tracheostomy without skin flaps, a UPPP, and adjuvant nasal surgery. Postoperatively, as his mental status improved, he became less tolerant of his tracheostomy. Standard tracheostomy tubes were inadequate in traversing the abundant soft tissue of his neck, and exposed adipose tissue was painfully slow to heal. He removed the tracheostomy tube three weeks postoperatively against medical advice. Postoperative studies have shown resolution of his apneic spells, although he has partial airway obstruction associated with mild hypoxemia. For the first time in five years he can read a book and work in his yard. He sleeps soundly for five hours per night and takes no naps.

R.M., a 36-year-old accountant, was referred with a history of heroic snoring and brief apneic spells described by his wife. He was not hypersomnolent, but was so self-conscious about his snoring that he would not travel on airplanes or on other forms of group travel, and he would no longer vacation with friends. His wife could not sleep in the same room with him. Polysomnography demonstrated mild obstructive apnea with minimal oxygen desaturation. He underwent a UPPP and nasal surgery. He no longer snores, he feels that his marriage has been saved, and he has scheduled a vacation with old friends. He has declined a postoperative sleep study.

Discussion

The efficacy of UPPP in treating OSA in this series of patients is consistent with data reported from other centers. We believe the relief of even mild nasal obstruction is important to maximize results. Nasal turbinates appear to hypertrophy in a fashion similar to the soft palate, so that turbinate reduction is a frequent adjunctive procedure. The subjective symptoms of snoring and hypersomnolence are consistently alleviated by surgery, while objective parameters derived from polysomnography are less consistent, with significant improvement seen in about 50% of patients. Typically, the patient with mild OSA responds better to surgery, suggesting that the severely affected patient obstructs at multiple sites in the upper airway. In those patients with severe OSA and tracheostomies, UPPP allows approximately 50% to be eventually decannulated, depending on criteria used for decannulation.

In those patients with socially unacceptable snoring, but with no apneic episodes, UPPP is particularly effective and has few risks. The economics and "insurability" of this common situation are uncertain at this time, but the problem can be appropriately termed partial airway ob-

struction and is, as previously noted, the forerunner of OSA. It is also clear from this patient population, and from other studies, that some patients will have only partial airway obstruction and rare apneic spells, but will chronically and significantly desaturate. Since these patients do not have complete airway obstruction and apnea, they do not meet classic criteria for having OSA. Nonetheless, since they may still suffer marked oxyhemoglobin desaturation, they have upper airway obstruction, and might be considered a subgroup among those with OSA.

A confounding variable among patients with OSA is the weight loss that was frequently seen in those patients responding to surgery. It is clear that weight loss alone can result in improvement in some patients (R.G.), but may not result in cure, even with adjunctive surgery. It is important to realize that most of these patients had already failed attempts at weight loss before they were considered to be surgical candidates. In some, airway surgery improved their cardiopulmonary status, hypersomnolence, and activity levels to the extent that weight loss became possible. It is also likely that there are few more effective reminders to lose weight than a tracheostomy. Additionally, most patients lose a modest amount of weight early after their operation as a consequence of postoperative oropharyngeal pain. For the bariatric surgeon considering the morbidly obese patient with OSA, it seems appropriate to treat severe OSA prior to bariatric surgery in order to optimize cardiopulmonary function and to avoid severe hypoventilation and peri-operative mortality. If such patients remain obese with severe OSA, and have had a tracheostomy and adjunctive airway procedures, then bariatric surgery should be considered as a therapeutic option for OSA.

Because of the problems with the standard tracheostomy in an obese neck (L.Y.), we now use defatted skin flap tracheostomies, as described by Borowiecki and Sassin.[18] This creates a rapidly healed, shallow, safe tracheostomy. In some patients, it is reasonable to consider submental lipectomy when an overhanging cervical paniculus tends to obstruct or distort the tracheostomy tube.

As the single death in our series suggests, some patients with severe OSA will hypoventilate even after tracheostomy, with continued sensitivity to analgesics and narcotics. We now extend the period of apnea monitoring on all such patients until they leave the hospital.

In all studies to date, it has been difficult to consistently obtain postoperative polysomnography. Patients without tracheostomies and with good clinical responses are particularly resistant to undergoing the expense and inconvenience of repeat studies. Nonetheless, it is the only completely reliable means to follow therapy.

The inconsistent postoperative data following UPPP, and the inability to predict outcome, have prompted some understandable skepticism about the procedure. Since some patients are clearly improved, even in the absence of weight loss, the key is selection of the appropriate procedure(s) for each patient. Palatal surgery is most successful in those patients who obstruct only in the oropharynx at the level of the soft palate, without obstructing at the base of the tongue. Cephalometric radiographs, fiberoptic endoscopy, fluoroscopy, and CT scanning have shown promise in determining the site of obstruction,[19,20] and it seems certain that clinical experience will improve the overall outcome. In this area of rapid change and expanding experience, anything other than a thorough evaluation and a critical analysis of results is inappropriate. Unfortunately, because of the relative simplicity of the UPPP and the widespread nature of OSA, the procedure is certain to be misapplied before indications become clarified.

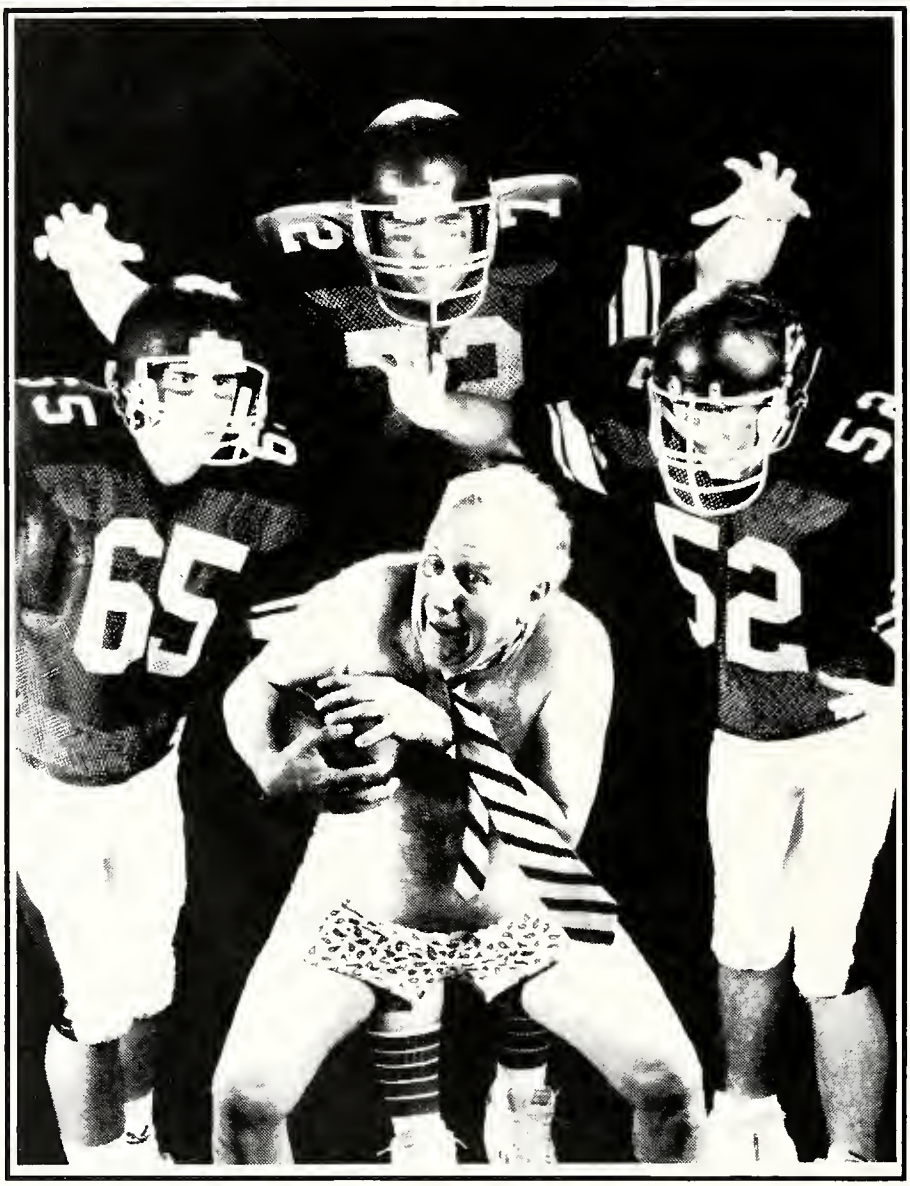
Because of the widespread nature of OSA, almost all physicians will have the opportunity to make the initial diagnosis. Subtle signs may include depression, fatigue, marital problems, impotence, unexplained congestive heart failure, or hypertension. Untreated, it is associated with significant disability, morbidity, and mortality. In our series of patients primarily treated with UPPP and nasal surgery, 90% had resolution or marked improvement in snoring and hypersomnolence. Though follow-up studies document significant objective improvement, this occurs in only 50% of patients. It appears that more critical selection of surgical candidates will improve the success rate. New and promising treatment options are available, but further research will be required to unravel the complexities of this syndrome.

References

1. Simmons FB, Guillemault C, Miles LE. The palatopharyngoplasty operation for snoring and sleep apnea: an interim report. Otolaryngol Head Neck Surg 1984;92:375-80.
2. Taasan VC, Block AJ, Boysen PG, et al. Alcohol increases sleep apnea and oxygen desaturation in asymptomatic men. Am J Med 1981;771:240-5.
3. Remmers JE, deGroot WJ, Sauderland ER, et al. Pathogenesis of upper airway obstruction during sleep. J App Physiol 1978;44:931-8.
4. Rojewski TE, Schuller DE, Clark RW, et al. Videoscopic determination of the mechanism of obstruction in obstructive sleep apnea. Otolaryngol Head Neck Surg 1984;92:127-31.
5. Haponik EF, Smith PL, Bohlman ME, et al. Computerized tomography during sleep apnea: correlation of airway size with physiology during sleep and wakefulness. Amer Rev Resp Dis 1983:127:221-6.
6. Browman CP, Sampson MG, Yolles SF. Obstructive sleep apnea and body weight. Chest 1984;85:435-6.
7. Smith PL, Haponik EF, Allen RP, et al. The effects of oxygen in patients with sleep apnea. Amer Rev Resp Dis 1984;130:958-63.
8. Rapoport DM, Sarkin B, Garay SM, et al. Reversal of the "Pickwickian Syndrome" by long term use of nocturnal airway pressure. N Engl J Med 1983;308:461-2.
9. Smith PL, Haponik EF, Allen RP, et al. The effects of protriptyline in sleep disordered breathing. Amer Rev Resp Dis 1983;127:8-13.
10. Clark RW, Schmidt HS, Schaal SC, et al. Sleep apnea: treatment with protriptyline. Neurology 1979;29:1287-92.
11. Brownell LG, West P, Sweatman P, et al. Protriptyline in obstructive sleep apnea: a double blind trial. N Eng J Med 1982;307:1038-42.
12. Conway W, Zorick F, Piccione P, et al. Protriptyline in the treatment of sleep apnea. Thorax 1982;37:49-53.
13. Orr WC, Imes NK, Martin RJ, et al. Progesterone therapy in obese patients with sleep apnea. Arch Intern Med 1979;13:109-11.
14. White DP, Zwillick CW, Pickett CK, et al. Central sleep apnea, improvement with acetazolamide therapy. Arch Intern Med 1982;142:1816-9.
15. Fujita S, Conway W, Zorick F, et al. Surgical correction of anatomic abnormalities in obstructive sleep apnea syndrome: uvulopalatopharyngoplasty. Otolaryngol Head Neck Surg 1981;89:923-4.
16. Fujita S, Conway WA, Zorick FJ, et al. Evaluation of the effectiveness of uvulopalatopharyngoplasty. Laryngoscope 1985;95:70-4.
17. Fairbanks DNF. Snoring: surgical vs. non-surgical management. Laryngoscope 1985;94:1188-91.
18. Borowiecki B and Sassin JF. Surgical treatment of sleep apnea. Arch Otolaryngol 1983;109:508-12.
19. Borowiecki B, Kukwa AA, Blanks RHI. Indications for palatopharyngoplasty. Arch Otolaryngol 1985;111:659-63.
20. Riley R, Guilliminault C, Herran J, et al. Cephalometric analyses and flow-volume loops in obstructive sleep apnea patients. Sleep 1983;6:303-11.

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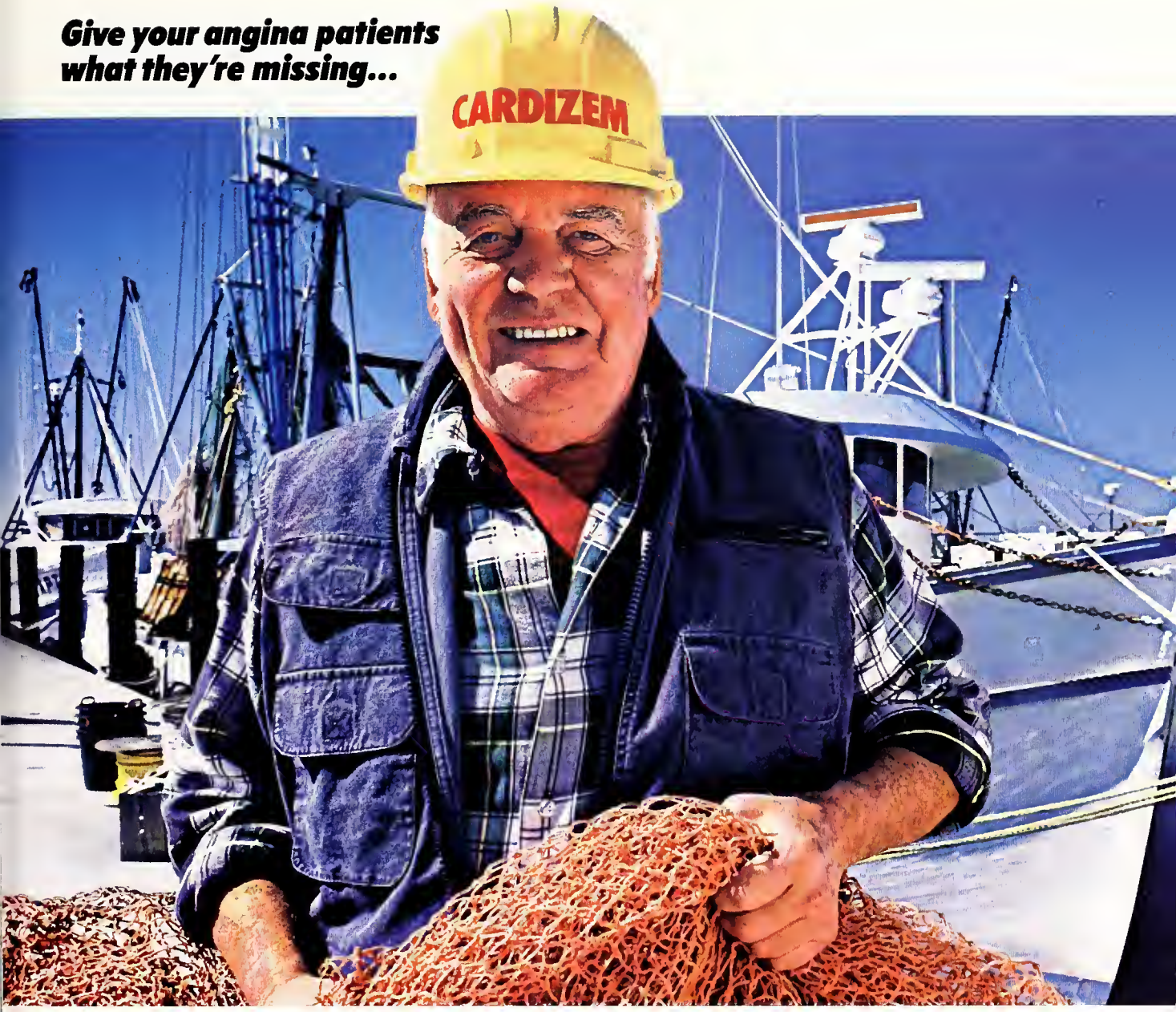
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PRECAUTIONS

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Carcinogenesis, Mutagenesis, Impairment of Fertility. *A 24-month study in rats and a 21-month study in mice showed no evidence of carcinogenicity. There was also no mutagenic response in in vitro bacterial tests. No intrinsic effect on fertility was observed in rats.*

Pregnancy. *Category C. Reproduction studies have been conducted in mice, rats, and rabbits. Administration of doses ranging from five to ten times greater (on a mg/kg basis) than the daily recommended therapeutic dose has resulted in embryo and fetal lethality. These doses, in some studies, have been reported to cause skeletal abnormalities. In the perinatal/postnatal studies, there was some reduction in early individual pup weights and survival rates. There was an increased incidence of stillbirths at doses of 20 times the human dose or greater.*

There are no well-controlled studies in pregnant women, therefore, use CARDIZEM in pregnant women only if the potential benefit justifies the potential risk to the fetus.

Nursing Mothers. *Diltiazem is excreted in human milk. One report suggests that concentrations in breast milk may approximate serum levels. If use of CARDIZEM is deemed essential, an alternative method of infant feeding should be instituted.*

Pediatric Use. *Safety and effectiveness in children have not been established.*

ADVERSE REACTIONS

Serious adverse reactions have been rare in studies carried out to date, but it should be recognized that patients with impaired ventricular function and cardiac conduction abnormalities have usually been excluded.

In domestic placebo-controlled trials, the incidence of adverse reactions reported during CARDIZEM therapy was not greater than that reported during placebo therapy.

The following represent occurrences observed in clinical studies which can be at least reasonably associated with the pharmacology of calcium influx inhibition. In many cases, the relationship to CARDIZEM has not been established. The most common occurrences as well as their frequency of presentation are: edema (2.4%), headache (2.1%), nausea (1.9%), dizziness (1.5%), rash (1.3%), asthenia (1.2%). In addition, the following events were reported infrequently (less than 1%):

Cardiovascular:	*Angina, arrhythmia, AV block (first degree), AV block (second or third degree — see conduction warning), bradycardia, congestive heart failure, flushing, hypotension, palpitations, syncope.*
Nervous System:	*Amnesia, gait abnormality, hallucinations, insomnia, nervousness, paresthesia, personality change, somnolence, tinnitus, tremor.*
Gastrointestinal:	*Anorexia, constipation, diarrhea, dysgeusia, dyspepsia, mild elevations of alkaline phosphatase, SGOT, SGPT, and LDH (see hepatic warnings), vomiting, weight increase.*
Dermatologic:	*Petechiae, pruritus, photosensitivity, urticaria.*
Other:	*Amblyopia, dyspnea, epistaxis, eye irritation, hyperglycemia, nasal congestion, nocturia, osteoarticular pain, polyuria, sexual difficulties.*

The following postmarketing events have been reported infrequently in patients receiving CARDIZEM: alopecia, gingival hyperplasia, erythema multiforme, and leukopenia. However, a definitive cause and effect between these events and CARDIZEM therapy is yet to be established.

Issued 7/86

See complete Professional Use Information before prescribing.

References: ***1.*** *Pepine CJ, Feldman RL, Hill JA, et al: Clinical outcome after treatment of rest angina with calcium blockers. Comparative experience during the initial year of therapy with diltiazem, nifedipine, and verapamil. Am Heart J 1983, 106(6):1341-1347.* ***2.*** *Shapiro W: Calcium channel blockers: Actions on the heart and uses in ischemic heart disease. Consultant 1984,24(Dec):150-159.* ***3.*** *Johnston DL, Lesoway R, Humen DP, et al: Clinical and hemodynamic evaluation of propranolol in combination with verapamil, nitedipine and diltiazem in exertional angina pectoris: A placebo-controlled, double-blind, randomized, crossover study. Am J Cardiol 1985;55:680-687.* ***4.*** *Cohn PF, Braunwald E: Chronic ischemic heart disease, in Braunwald E (ed): Heart Disease: A Textbook of Cardiovascular Medicine, ed 2. Philadelphia, WB Saunders Co, 1984, chap 39.* ***5.*** *Schroeder JS: Calcium and beta blockers in ischemic heart disease: When to use which. Mod Med 1982;50(Sept):94-116.*

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North Carolina Medical Journal

Features for Patients October 1986

Suntanning Booths and Beds — Friend or Foe?

William M. Hendricks, M.D.

At least once a day someone asks me if suntanning booths or beds are safe. Usually the question is prefaced with the remark, "They told me it's safer than the sun." Let's take a closer look at suntanning and suntan devices.

Suntan Devices

Suntan devices are not all alike. Same produce rays with UVB (ultraviolet-B) wavelengths, others with UVA (ultraviolet-A) wavelengths, and still others with a mixture of UVB and UVA wavelengths (see diogram). Most UVB suntanning devices have been supplanted by UVA ones. This change has occurred over the past three years because of the knowledge that UVB wavelengths cause skin cancer and sunburn as well as the saught-after tan.

Until several years ago most scientists thought that UVA rays were harmless. Unfartunately, recent studies have shown that UVA rays enhance the damage done ta the skin by UVB rays. More prolonged exposure to UVA rays, in fact, can cause sunburn and skin cancer. Since UVA rays penetrate the skin surface better than UVB rays, they cause more damage to the structure of the skin. The long-term result of chranic UVA exposure is wrinkled, leathery, furrowed, blotchy skin that bruises and tears easily.

Effects on the Immune System and Genes

If these considerations are nat enough ta convince even the most devoted followers of the elusive "perfect tan," recent studies have confirmed that UVA rays impair the effectiveness of the immune system. Remember that when the skin — the largest organ of the body — is exposed to ultraviolet radiation, the blood and the circulating components of the immune system are alsa being exposed. The equivalent of the entire blood volume passes through the skin two or three times during the time it takes ta get a mild sunburn. Further research is being conducted on the results of prolonged ultraviolet exposure and the development of internal cancers.

Ultraviolet rays also damage DNA, the basic molecular structure of yaur genes. Cells taken fram mice and exposed to the same levels of UVA radiation faund in tanning devices showed an increased rate of mutatian (changes in the genes). These tests are considered highly predictive af what will happen to human cells when exposed to UVA radiation.

Your Body's Defense

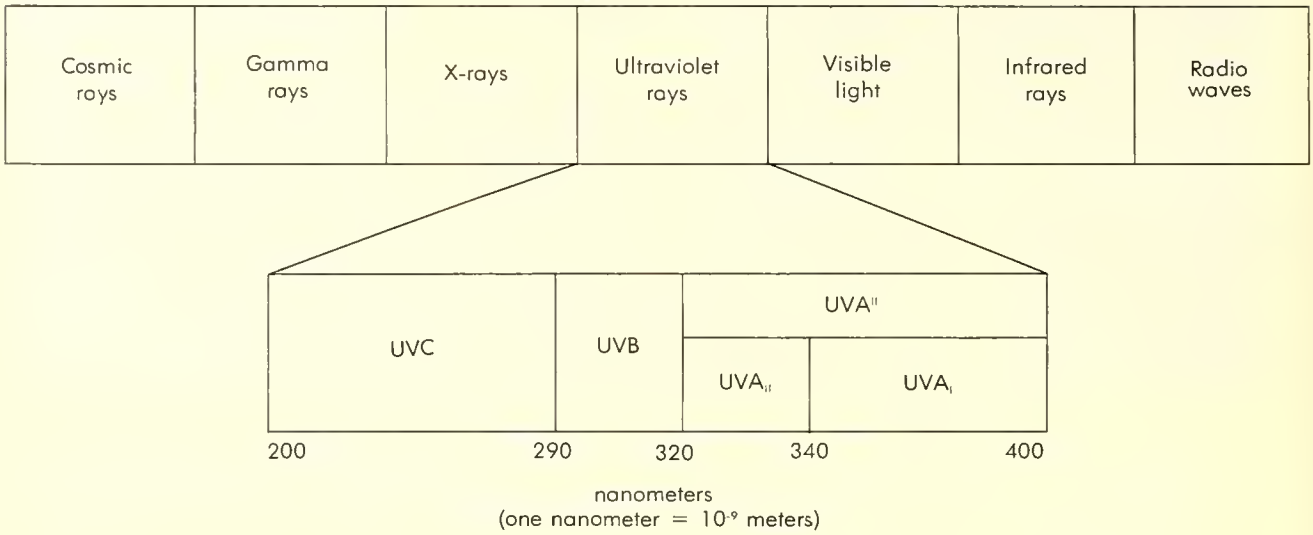
Your body already "knows" that ultraviolet rays are dangerous, and tries to protect itself by increasing melanin pigment production. As a result you get a "tan." Please remember, hawever, that every tan is the result of direct injury to the skin. In addition to tanning, the skin has developed a very complex set of steps to repair the damage done ta the chromosomes in the skin by ultraviolet irradiation. Tao much exposure, however, can overwhelm this repair system. In fact, we are beginning to realize that some people have a genetically inferior DNA repair system in their skin. This makes them genetically more susceptible to damage from ultravialet rays.

A Ray of Hope

Recent research has shown that UVA rays should be divided into two groups: UVA_{II} (320 to 340 nanameters), which tend to behave biologi-

From Asheboro Dermatology Clinic, P.A., 407 South Cox Street, Asheboro 27203-5496.

Figure 1. The Electromagnetic Spectrum



Ultroviolet rays are situated between x-roys and visible light on the electromagnetic spectrum. They include the wavelengths 200 to 400 nanometers. By convention, wavelengths between 290 and 320 nanometers ore called UVB rays, while wavelengths between 320 and 400 nanometers are called UVA rays. Most UVC rays (200 to 290 nanometers) are filtered by the ozone layer in the otmosphere, and do not reoch the eorth's surface.

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cally like UVB rays, and UVA$_{I}$ (340 to 400 nanometers), which produce little DNA damage and less structural damage to the skin.

Conclusion

If you must get a tan, try to find a tanning device with UVA bulbs that emit wavelengths greater than 340 nanometers. This information should be available from the manufacturer of the ultraviolet bulbs. Always wear sunglasses or goggles to protect your eyes and clothing to protect your genitalia during tanning sessions. Wear sunscreens and sunglasses at other times to protect your skin and eyes from more ultraviolet damage.

If you do not tan well and you burn easily, or if you have a family history of skin cancer, malignant melanoma, dysplastic nevi, or photosensitivity diseases (such as lupus erythematosus, porphyria, albinism, vitiligo, recurrent herpes simplex infections, etc.), avoid unnecessary ultraviolet irradiation.

If you want to play it safe in light of our total ignorance about the long-term effects of suntanning devices on the genes and the immune system, learn to enjoy your pale, smooth, unwrinkled skin. After all, everyone doesn't have to look their age, and it might as well be you.



Cancer in the School-Age Child: The Teacher's Role in the Return to the Classroom

Penny Axelrod, Ed.D.

On learning that you will have a child with cancer in your class, you will certainly experience a variety of responses — all of which are understandable. They probably will run the gamut from: *terror* — oh my, what if she dies in class; to *fury* — why did I have to get stuck with another problem; to *sadness* — what an awful thing to have happen to a child. All of these feelings of distress are real and understandable and must be acknowledged so that you, and the children in your care, can move on to the tasks of schooling.

Let me reiterate at the outset an important premise to etch in your mind: more and more children with cancer survive. Since one of the major tasks of childhood is to become educated within a school community, it is essential for schooling to be a focus of the life and development of the child with cancer. This has implications for the way in which the child is treated in the school.

The Teacher

The first step in helping children acknowledge, understand and perhaps accent individual differences is to recognize the extent to which you have dealt with your own feelings. It is only then that you can reach out to others and can begin to think about effectively facilitating acceptance within the peer group and the school community for the child with a life-threatening illness.

As with everything in education there is no magic, no one curriculum guide or methodological approach that does it all. In this particular situation, the feelings from within are the most important of all, along with a heavy dose of common sense. The stories of unfortunate situations in school for the child with cancer and his or her family are not the result of using the incorrect instructional materials but from exercising poor judgment: for instance, preventing the child from getting drinks of water.

What are your true feelings about having such a youngster in your class? Youngsters with all sorts of special needs are probably not new to you, but this may be the first time you've been confronted with a child with a life-threatening illness. Some typical thoughts may include those about your own frailty and mortality, fear for your own loved ones.

Sometimes it's hard to deal with your own feelings. You may wish to turn to family, friends, clergy. There are other professional resources I'd like to suggest. One excellent resource is the medical center where the child is receiving treatment. The social worker or psychologist who works with the oncology team is a professional trained to help people cope with their feelings. They may refer you to local groups whose mission is to help individuals with concerns about illness, dying and death — organizations such as the Candlelighters. The special education personnel in your school system can perhaps suggest references for you to read. I think some of the most powerful reading which serves to sensitize those of us who have not had the experience of having a child or even a family member with cancer are the books written by parents or young adults — books such as *Scat Was Here, Eric, Sunshine* or *Angela Ambrosia*.[1]

Having acknowledged your feelings, and perhaps came to grips with them, you're in a better position to serve as a role model in your class and school and to provide the best possible educational environment for the child with cancer.

You're also in a good position to monitor your own behaviors, so that you can avoid a common problem, one so common that it has its own name: the "Teacher Pet Tendency." Research carried out at the University of Florida describes this understandable but non-constructive and non-beneficial reaction — that of making the child with cancer into the teacher's pet. Overprotection by parents, health and education personnel may lead to a spiral of effects, including: the child's alliance with the teacher to the exclusion of classmates; leading to resentment by classmates (and siblings); relative isolation from peers; withdrawal from peer relations; overachievement in individual studies; underachievement in group learning situations; and an overall decreased participation in normal classroom activities. One parent with whom I spoke was concerned about having teachers spoil her child to the point where the child knew she would get her own way, which made management a problem both at home and at school.

School phobia may develop with the child using his or her illness as an excuse to stay away from school. This is clearly a situation to be avoided.

What else can you do to help the child? Become more knowledgeable. Act as a facilitator for the child with cancer. Arrange a face-to-face conference with personnel from the medical center where the child has been treated. Those present at that conference might include the oncology nurse, social worker, psychola-

From 744 Dante St., New Orleans, LA 70118.

gist, hospital teacher and physician. This is a significant meeting because it serves to establish contact between hospital and school that is important during the child's treatment and follow-up. Once that conduit is established, medical information can be updated for school personnel, and direct first-hand communication of the impressions of school personnel can be conveyed to medical center personnel. Should it be impossible because of distance — time should not be a sufficient reason — telephone contact is a second best alternative. Establishing contact is THE GOAL.

One other way of becoming more knowledgeable is to avail yourself of the myriad of materials which are available — again medical center personnel can probably provide them for you. The materials that I think are especially good and that are written in understandable language are the booklets from the American Cancer Society, particularly those written for parents. These materials are free.

Contact with parents is essential. You might want to have a conference with them before the child returns to or enters school. In preparation — to establish contact and, of course, with parental and medical center permission — you might go along with child and parent(s) to a clinic visit. It is a very powerful experience which will certainly sensitize you to the emotional reactions of the child.

Learning more about the child's learning abilities can be accomplished in a number of ways. If the child has received tutoring either in the hospital or through a homebound teaching program, a conference with all teachers is highly recommended, particularly if the educational program is departmentalized. Ask about the child's learning abilities, styles, fatigue levels; about any specific handicapping conditions such as tremors, paralysis, etc.

Either prior to the child's return to school, or while the youngster is in your classroom, you may wish to consider a diagnostic evaluation to formalize the process of modifying the educational program for that youngster. Under PL 94-142 and North Carolina state law, an evaluation provides a mechanism for all involved school personnel, the parents and, in the case of adolescents, the child to meet together and plan. After an evaluation is completed, you may find that the youngster does not meet the criteria for a special educational program. The evaluation will nonetheless have provided an opportunity for all concerned parties to have shared information for the benefit of the child.

Some school personnel feel that the evaluation process is unnecessary because no further planning is needed or because they feel that it may place undue stress on an already stressed child. Let me suggest that not to do an evaluation is a disservice to that child. As Spinetta and Deasy-Spinetta state, if immediate attention is not paid to the child's learning problem "the child goes from grade to grade carrying the burden, not only of the illness, but also of a worsening [learning] difficulty."[2]

Some children who have been treated for cancer may suffer some specific effects that impair their capacity to carry out academic tasks. You may observe learning difficulties not previously apparent. Instead of dismissing your concerns, act on them. This may be an appropriate time for referral.

Since the effects may be specific to the disease and/or treatment and might require specialized psychological/educational diagnostic methods, confer with the psychologist at the medical center about where the evaluation should be done — at the medical center, at a developmental evaluation clinic or at the school. Neuropsychological evaluations using the Halstead-Reitan or Luria batteries may be particularly helpful.

If an Individualized Educational Plan (IEP) is drawn up, it is important to set *realistic and flexible* goals for the student. As with all IEPs, this one would be subject to modification should that be necessary due to the child's changing condition. If an IEP is not seen as necessary, it is still essential that the teacher, preferably in concert with parents and the older student, explicitly set goals — even if only that the student is expected to participate fully in all class activities — to help the student complete a course of study at the same time as other children in the class. This expectation for normalcy may serve to keep everyone focused on positive outcomes.

The Students

Now it's time to prepare the members of your class, keeping in mind the child's need for privacy and being sensitive to his or her own level of acceptance of his or her own illness.

As always in working with children, the manner in which information is presented and the amount of information presented are dependent on the level of development of the child. Be honest and direct. It's sometimes the most difficult but will avoid problems in the future. Rehearse so that when the inevitable difficult questions arise, you'll be well prepared.

Prior to having the child come to or return to class: tell the other children some of the factual information that you have learned about childhood cancer, in a matter-of-fact way:
— that their classmate has an illness, is sick but is not contagious;
— that their friend needs to visit the doctor, sometimes quite often, and therefore may miss quite a bit of school;
— that their friend may take special medicine which will make him or her tired, gain weight, lose hair, but that those medicines are to help the child get well;
— that their friend will need everyone's help in getting back into the routine.

Then be prepared for the questions. Depending on the emotional atmosphere in your class, the age of the children and some intangible variables the questions are bound to come. They're often the same ques-

tions that adults want to ask but are afraid or embarrassed to. Most of the questions arise from simple curiosity and the fears that "it can happen to me." Questions like:

Why did it happen?

Will he always have it?

Is she going to die?

There are some suggested responses to those questions. Most books on death and dying discuss appropriate responses. While the vocabulary and phrasing may be different depending on the age of the children with whom you're speaking the responses are the same:

"No one knows why Ronnie got leukemia..."

"The doctors are doing everything they can do to help Erin get better."

"We hope Lee will be with us a long time."

"No one can say how long each of us will live."

"I don't know when you or I will die — it may be years, months or days, each individual and illness is different."

In order to help the members of the class maintain their affiliation with the child who is sick, the class or individual members may be encouraged to keep up some form of communication — send cards, write special class newsletters, make an album of drawings or photographs of events at school. Older children may be encouraged to visit at the hospital or at home — with parental permission of course. All children fear being alone or apart from their family and peer group. The adolescent, in particular, fears being different. This can be counteracted by any demonstrations by peers that he or she is still part of the group. You can facilitate that.

Information for children is also essential — to the extent that they're interested. For young children, a hospital corner in the pre-school and early childhood grades is appropriate; for the older youngster, science research projects which explore cancer may be a means of increasing knowledge. These projects can be done either as part of the regular school program or for extra credit.

We know from research about accepting children with differences — especially handicapping conditions — that having the "different" person talk with children is an effective way of demonstrating that even with the "difference" the individual can achieve, accomplish, grow. What better means of combatting the children's fear that their friend might die than to have an older child who is a childhood cancer survivor come to the class to talk about some aspects of the disease and its treatment.

Above all, get the feelings out in the open and get talking.

The Child with Cancer

Children with cancer who've been hospitalized and undergone surgery and/or treatment have been through difficult times, truly a life crisis. The return to school may be a welcome relief, a return to normalcy, even if the child is not crazy about school. As one youngster told me, "I don't like school but I'd rather be there than in the hospital."

Deasy-Spinetta and Spinetta report that they found that children with cancer do go to school willingly, but that they don't freely express positive or negative feelings, retaining more of a "self-protecting posture." They may not reach out for others to initiate activities or interactions.[3] Your role is to create situations in which that interaction can occur.

Prior to reentry, have a conference first with the parents and then with the child. Find out from the parents just exactly what the child knows of his or her illness and treatment and by what name it is known. Respect the parents' wishes for what they wish the child to know. Most medical centers seem to be advocating "full disclosure" to the children, but be sure to ascertain what the child with whom you are working knows.

Tell the child just what you have told other students in the class so that there is a common base of understanding. It may be reassuring to let your student know that you have talked with the medical center personnel and will continue to talk with them. Tell the child the things you know to do, such as permitting drinking of water and notifying parents of any illness such as chicken pox which other classmates may have. This may also be a good time to set limits so that manipulation does not occur.

If the youngster has missed school you will want to facilitate reentry by being especially sensitive to his or her feelings. This is particularly important for adolescents who may be depressed or angry, feel punished or guilty, and experience a whole host of typical, although heightened, adolescent emotions.

There's relatively little in the cancer or special education literature written about the practical details of adjusting and accepting a child with cancer back into school. While it's an imperfect analogy, many of the issues are the same for the child with a life-threatening illness and the child with a learning disability or cerebral palsy. All have special needs due to their handicapping conditions and as a result of being different from the norm or outside the continuum of normal. All require some assistance in being accepted by their peers. There are many self instructional training packages to acquaint you and the children in your charge with a variety of handicapping conditions. You've probably received in-service workshops, seen films and read books on individual differences. Much of this training, while of some merit, does not address the depth and breadth of change necessary for school-wide acceptance of children with differences.

One particular project exemplifies deep and broad systematic change within a school. This project, which is beginning its second year, is sponsored by Tufts University in Medford, Massachusetts, in cooperation with a suburban school system. In a kindergarten-through-grade-six school of approximately 450 children, with the active support of the principal, a

program was begun to acquaint all of the teachers with handicapping conditions. They planned all the typical activities to achieve their goals: in-service training sessions were held; the special education teacher and a consultant conducted a workshop, talking with individual teachers and trying to work out a class of handicapped and regular students. It was a dismal failure. The program was reconceived later by a colleague of mine and when I asked her why she did it, she told me that she knew children better than adults. And so a wonderful program was born.

A special education teacher from within the school went to each of the sixth grade classes recruiting volunteers for the special education classrooms. Prospective volunteers signed up to visit the classes to see if they wanted to become tutors. Twenty-five students volunteered and now spend 45 minutes per week in a class working on a one-to-one basis with a handicapped student. In addition, ten of those students chose to attend a supervision session (once weekly for another 45 minutes). In this meeting they were given a mini Exceptional Children course using a case study method with the student in the special classes. They were taught how to tutor and to talk about their feelings. At the end of about 12 weeks, that group went to each of the classes in the school to describe their experiences so that virtually everyone in the school knew what they were doing. The volunteers felt grown up and professional. My best bet is that this experience will have changed the attitudes of the children as well as the other members of the school community.

References

1. Ipswitch E. Scat was here. New York: Delacorte Press, 1979; Lund D. Eric. New York: Dell Books, 1976; Klein N. Sunshine. New York: Avon Books, 1974; Fox RE. Angela Ambrosia. New York: Alfred A. Knapf, 1979.
2. Spinetta JJ and Deasy-Spinetta P. Talking with children who have a life threatening illness. In Spinetta and Deasy-Spinetta, Living with childhood cancer. St. Louis, MO: C.V. Masby, 1981, pp. 234-52 (quote on 245).
3. In Spinetta and Deasy-Spinetta.

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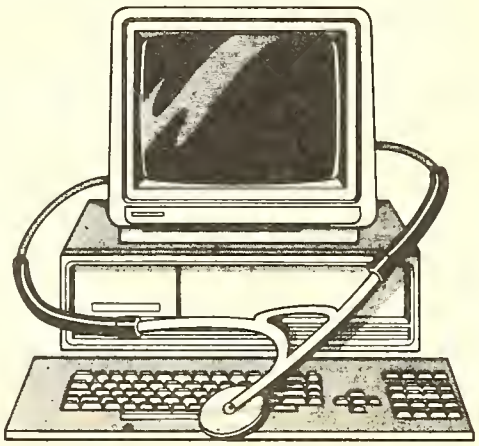
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		0-4 months	0-8 months	0-12 months	No. patients
USA[1]	ranitidine 150 mg h.s.	9%	14%*	16%†	60
	cimetidine 400 mg h.s.	23%	34%	43%	66
UK, Ireland, Australia[2]	ranitidine 150 mg h.s.	8%‡	14%‡	23%‡	243
	cimetidine 400 mg h.s.	21%	34%	37%	241

*p=0.02
†p=0.01
‡p≤0.004
%=life-table estimates
All patients were permitted prn antacids for relief of pain.

These two trials used the currently recommended dosing regimen of cimetidine (400 mg h.s.) and ranitidine (150 mg h.s.). A comparison of other dosing regimens has not been studied.

The studied dosing regimens are not equivalent with respect to the degree and duration of acid suppression or suppression of nocturnal acid.

The superiority of ranitidine over cimetidine in these trials indicates that the dosing regimen currently recommended for cimetidine is less likely to be as successful in maintenance therapy.

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low incidence of side effects[3]

Headache, sometimes severe, seems to be related to ranitidine administration. Other side effects have been reported; for a complete listing, see the **ADVERSE REACTIONS** section in the Brief Summary.

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See next page for references and
Brief Summary of Product Information.

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References:

1 Silvis SE, Griffin J, Hardin R, et al Final report on the United States multicenter trial comparing ranitidine to cimetidine as maintenance therapy following healing of duodenal ulcer. *J Clin Gastroenterol* 1985,7(6):482-487

2 Gough KR, Korman MG, Bardhan KD, et al: Ranitidine and cimetidine in prevention of duodenal ulcer relapse: A double-blind, randomised, multicentre, comparative trial. *Lancet* 1984,ii 659-662.

3 Data available on request, Glaxo Inc.

ZANTAC® 150 Tablets
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BRIEF SUMMARY OF PRODUCT INFORMATION

See complete product information before prescribing. The following is a brief summary

INDICATIONS AND USAGE: ZANTAC® is indicated in:

1 Short-term treatment of **active duodenal ulcer** Most patients heal within four weeks.

2 **Maintenance therapy** for duodenal ulcer patients at reduced dosage after healing of acute ulcers

3. The treatment of **pathological hypersecretory conditions** (eg, Zollinger-Ellison syndrome and systemic mastocytosis).

4 Short-term treatment of **active, benign gastric ulcer** Most patients heal within six weeks and the usefulness of further treatment has not been demonstrated.

5. Treatment of **gastroesophageal reflux disease (GERD).** Symptomatic relief commonly occurs within one or two weeks after starting therapy Therapy for longer than six weeks has not been studied

In active duodenal ulcer, active, benign gastric ulcer; hypersecretory states; and GERD, concomitant antacids should be given as needed for relief of pain.

CONTRAINDICATIONS: ZANTAC® is contraindicated for patients known to have hypersensitivity to the drug

PRECAUTIONS: General: 1 Symptomatic response to ZANTAC® therapy does not preclude the presence of gastric malignancy 2. Since ZANTAC is excreted primarily by the kidney, dosage should be adjusted in patients with impaired renal function. Caution should be observed in patients with hepatic dysfunction since ZANTAC is metabolized in the liver

Laboratory Tests: False-positive tests for urine protein with Multistix® may occur during ZANTAC therapy, and therefore testing with sulfosalicylic acid is recommended

Drug Interactions: Although ZANTAC has been reported to bind weakly to cytochrome P-450 in vitro, recommended doses of the drug do not inhibit the action of the cytochrome P-450-linked oxygenase enzymes in the liver. However, there have been isolated reports of drug interactions which suggest that ZANTAC may affect the bioavailability of certain drugs by some mechanism as yet unidentified (eg, a pH-dependent effect on absorption or a change in volume of distribution).

Carcinogenesis, Mutagenesis, Impairment of Fertility: There was no indication of tumorigenic or carcinogenic effects in lifespan studies in mice and rats at doses up to 2,000 mg/kg/day.

Ranitidine was not mutagenic in standard bacterial tests (*Salmonella, E coli*) for mutagenicity at concentrations up to the maximum recommended for these assays

In a dominant lethal assay, a single oral dose of 1,000 mg/kg to male rats was without effect on the outcome of two matings per week for the next nine weeks.

Pregnancy: *Teratogenic Effects: Pregnancy Category B:* Reproduction studies have been performed in rats and rabbits at doses up to 160 times the human dose and have revealed no evidence of impaired fertility or harm to the fetus due to ZANTAC. There are, however, no adequate and well-controlled studies in pregnant women Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: ZANTAC is secreted in human milk. Caution should be exercised when ZANTAC is administered to a nursing mother

Pediatric Use: Safety and effectiveness in children have not been established

Use in Elderly Patients: Ulcer healing rates in elderly patients (65 to 82 years of age) were no different from those in younger age groups. The incidence rates for adverse events and laboratory abnormalities were also not different from those seen in other age groups

ADVERSE REACTIONS: The following have been reported as events in clinical trials or in the routine management of patients treated with oral ZANTAC® The relationship to ZANTAC therapy has been unclear in many cases. Headache, sometimes severe, seems to be related to ZANTAC administration.

Central Nervous System: Rarely, malaise, dizziness, somnolence, insomnia, and vertigo. Rare cases of reversible mental confusion, agitation, depression, and hallucinations have been reported, predominantly in severely ill elderly patients.

Cardiovascular: Rare reports of tachycardia, bradycardia, and premature ventricular beats.

Gastrointestinal. Constipation, diarrhea, nausea/vomiting, and abdominal discomfort/pain.

Hepatic: In normal volunteers, SGPT values were increased to at least twice the pretreatment levels in 6 of 12 subjects receiving 100 mg qid IV for seven days, and in 4 of 24 subjects receiving 50 mg qid IV for five days. With oral administration there have been occasional reports of reversible hepatitis, hepatocellular or hepatocanalicular or mixed, with or without jaundice.

Musculoskeletal: Rare reports of arthralgias.

Hematologic: Rare reports of reversible leukopenia, granulocytopenia, thrombocytopenia, and pancytopenia.

Endocrine: Controlled studies in animals and man have shown no stimulation of any pituitary hormone by ZANTAC and no antiandrogenic activity, and cimetidine-induced gynecomastia and impotence in hypersecretory patients have resolved when ZANTAC has been substituted. However, occasional cases of gynecomastia, impotence, and loss of libido have been reported in male patients receiving ZANTAC, but the incidence did not differ from that in the general population.

Integumental: Rash, including rare cases suggestive of mild erythema multiforme, and, rarely, alopecia.

Other: Rare cases of hypersensitivity reactions (eg, bronchospasm, fever, rash, eosinophilia) and small increases in serum creatinine.

DOSAGE AND ADMINISTRATION: Active Duodenal Ulcer: The current recommended adult oral dosage is 150 mg twice daily An alternate dosage of 300 mg once daily at bedtime can be used for patients in whom dosing convenience is important. The advantages of one treatment regimen compared to the other in a particular patient population have yet to be demonstrated

Maintenance Therapy: The current recommended adult oral dosage is 150 mg at bedtime.

Pathological Hypersecretory Conditions (such as Zollinger-Ellison Syndrome): The current recommended adult oral dosage is 150 mg twice a day. In some patients it may be necessary to administer ZANTAC® 150-mg doses more frequently Doses should be adjusted to individual patient needs, and should continue as long as clinically indicated Doses up to 6 g/day have been employed in patients with severe disease.

Benign Gastric Ulcer: The current recommended adult oral dosage is 150 mg twice a day

GERD: The current recommended adult oral dosage is 150 mg twice a day

See full prescribing information for dosage adjustment for patients with impaired renal function.

HOW SUPPLIED: ZANTAC® 300 Tablets (ranitidine hydrochloride equivalent to 300 mg of ranitidine) are yellow, capsule-shaped tablets embossed with "ZANTAC 300" on one side and "Glaxo" on the other They are available in bottles of 30 (NDC 0173-0393-40) and unit dose packs of 100 tablets (NDC 0173-0393-47).

ZANTAC® 150 Tablets (ranitidine hydrochloride equivalent to 150 mg of ranitidine) are white tablets embossed with "ZANTAC 150" on one side and "Glaxo" on the other They are available in bottles of 60 tablets (NDC 0173-0344-42) and unit dose packs of 100 tablets (NDC 0173-0344-47).

Store between 15° and 30°C (59° and 86°F) in a dry place. Protect from light. Replace cap securely after each opening.

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June 1986

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The Team Approach to Cleft Care in the State of North Carolina

Rodger M. Dalston, Ph.D., Robert M. Mason, Ph.D., D.M.D.

IT has been estimated that one of every 628 children born in the state of North Carolina manifests some form of facial clefting.[1] Within North Carolina, the treatment needs of these individuals are met because of a unique alliance between designated local treatment teams and the Children's Special Health Services, formerly known as the Crippled Children's Program. Both work together to provide quality, team-based diagnostic and treatment services.

The purpose of this paper is to describe treatment opportunities and financial assistance available for North Carolina residents with craniofacial anomalies. The information presented here does not apply to treatment sources that are not recognized by the North Carolina Division of Health Services. State and national organizations concerned with craniofacial anomalies also are discussed.

The Cleft Palate Team

In the early part of this century, the plastic and reconstructive surgeon typically assumed sole responsibility for the diagnosis and treatment of patients who experienced difficulty closing off the nose from the mouth during speech and swallowing. However, today it is widely recognized that optimal management for patients with velopharyngeal inadequacy involves a variety of specialists who interact as a team.

The well-functioning cleft palate team has been compared to a cybernetic system in which team members enjoy free and open communication with one another.[2] Whitehouse has defined the ideal clinical treatment team as: "a close cooperative, democratic, multiprofessional union devoted to a common purpose — the best treatment for the fundamental needs of the individual."[3] Thus, the cleft palate team is optimally "patient-centered" rather than "specialty-centered."[2]

The American Cleft Palate Association and the North Carolina Children's Special Health Services have mandated that cleft palate clinics be staffed by, at minimum, a core team comprised of a plastic surgeon, a speech and language pathologist and a variety of dentists. In order for services provided by a clinic to be underwritten by the North Carolina Children's Special Health Services Program, the core team members must meet minimum standards of professional licensure. Surgeons are to be certified by the American Board of Plastic Surgery as well as licensed to practice in North Carolina. Prosthodontic and orthodontic care must be provided by specialists who are board-eligible or certified. The speech and language pathologist is required to have the Certificate of Clinical Competence in speech pathology according to the requirements of the American Speech-Language-Hearing Association, and must be licensed to practice in this state.

In addition to the core team members, the cleft palate team optimally includes other specialists as required by the specific needs of the patient population. Such team members may be added on a permanent or temporary basis.

The clinics affiliated with Duke University and the University of North Carolina at Chapel Hill are teaching teams and provide an opportunity for the involvement of residents and graduate students. Another interesting feature of team management in North Carolina is that two or more persons from a given specialty may be members of the same team. This provides for an immediate "second opinion" and is an advantage that is seldom available when a single private practitioner manages the case.

Who Should Be Referred to a Team

Approximately one out of every 750 to 800 children born alive in the United States will have a cleft of the lip and/or palate.[4] In addition, there are more than 150 symptom complexes involving one or more of the oral structures.[5] Areas of North Carolina with a large population having American Indian ancestry may have even more cases of cleft lip and palate than these figures suggest, while areas with a high proportion of Black residents may have fewer cases. All of these cases require the services of a number of professionals.

All of the teams listed in Appendix A evaluate and/or treat persons with clefts of the lip and palate as well as cases of velopharyngeal incompetence in the absence of overt clefting. Other craniofacial anomalies, such as Crouzon, Pierre Robin, and Treacher Collins syndromes, are seen by some but not all teams. A few teams treat cases of velopharyngeal incompetence secondary to trauma. All teams listed accept both children and adults. Specific details concerning a given clinic can be obtained by calling the contact person listed in Appendix A.

Making a Referral

In general, a member of any specialty, the patient, or the family may initiate referral to a team. The referring

From Oral Facial and Communicative Disorders Program and the Dental Research Center, School of Dentristry, University of North Carolina, Chapel Hill 27514, and the Facial Rehabilitation Center/Cleft Palate Team, Duke University Medical Center, Durham 27710.

person should call the team being considered and talk with its representative. Information concerning services can also be obtained by contacting Children's Special Health Services.[6]

The American Claft Palate Association supports the principle that a patient will receive better care from a multidisciplinary team of health professionals than from a single specialist. The Association points out that, when looking for a team, proximity may NOT be the most important consideration. They have suggested a few questions to ask when choosing a team:

1. How may different health care specialties (in addition to the disciplines of surgeon, dentist, and speech pathologist) are represented on the team? The Association feels that the more complete the range of specialists, the greater the likelihood of complete care. Several dental specialties such as orthodontics, pediatric dentistry, prosthodontics, and oral surgery are important. The medical specialties of plastic surgery, pediatrics, and otolaryngology all have special contributions to make. The services of an audiologist, a psychologist, and a social worker are also crucial to a complete work-up. Finally, the presence of a genetics specialist is often needed to complete the family conference.

2. How many patients does the team see each year? In general, the quality of care tends to increase as the number of patients increases. Obviously, a specialist who sees 200 cleft palate patients a year has more experience than one who sees three or four patients a year.

3. Are the members of the team Board certified (if appropriate) or do they hold certification in their specialty? This may be an issue for private insurance coverage.

4. Is the team registered with the American Cleft Palate Association and are the members of the team also members of this professional organization?

5. Is the particular patient you wish to refer appropriate for this team? In other words, can you and the patient reasonably expect to obtain the kind of information you are seeking?

6. What is the fee for the service? What types of third-party payment are accepted? What is the billing procedure?

7. How often does the team meet? How soon could this patient be scheduled?

8. Is treatment as well as evaluation available through this team?

9. Will the referring specialist, as well as any other specialist who has already treated the patient, be involved?

10. Who is responsible for patient follow-up? Who will contact you with information concerning the outcome of the evaluation?

Following referral to a team, the referring physician, if there was one, should expect to receive answers to questions such as the following:

1. Is there a significant speech problem? If so, is this speech problem the result of velopharyngeal inadequacy? Regardless of cause, what is the recommended plan for therapy?

2. What special assessment techniques (such as videofluoroscopy, endoscopy or airflow studies) were employed to assess the status of the velopharyngeal mechanism and what were the findings?

3. What is the current dental status and what is the recommended schedule of treatment?

4. Are there significant intellectual and/or psychosocial problems that require special attention in planning the overall managemant of thie patient?

5. What is the comprehensive treatment plan recommended for the patient? Who is to provide which aspects of this care, and what is the reasonable timetable for intervention that has been agreed upon by the team?

In general, it is the team's responsibility to provide guidelines for a total case management that can reasonably be expected to afford the patient maximum benefit.

Children's Special Health Services

The Crippled Children's Program, whose name was recently changed to Children's Special Health Services, was established in 1935 by the federal government for the purpose of supporting the treatment of children with chronic illnesses and physical disabilities. The program is administered by the North Carolina division of health services. This agency oversees the dispersion of funds to authorized cleft palate teams. The teams are operated and organized as local organizations, but they must meet standards of professional qualification described above. The five treatment teams listed in Appendix A are recognized by the Children's Special Health Services and are affiliated with the American Cleft Palate Association.[7]

Financial Support

The state cleft palate program provides financial support for the initial diagnostic examination and treatment of all financially eligible children under the age of 21 years when these are completed at an authorized clinic. A patient may seek treatment from any one of the authorized cleft palate teams, regardless of geographic location.

Families are expected to utilize their insurance coverage and/or financial resources when these are available. Availability of Medicare and Medicaid services should also be investigated. In the majority of cases, clinics and participating "team members" are reimbursed for professional diagnostic and treatment services provided to eligible children on a fee-for-service basis.

Eligibility for financial support is determined by the state program on the basis of information provided on the financial eligibility form. This form is submitted by clinic personnel when that clinic recommends treatment services. The originating clinic is notified if it is determined that the child's treatment is not eligible for support under the program. In order to maintain eligibility for funding, the family's financial situation must be reviewed on an annual basis.

Treatment services may also be supported when they are performed by professionals who are not members of the cleft palate clinic team. This frequently is the case when the patient lives a considerable distance from the team. Local treatment by designated non-team members is authorized upon the recommendation of the clinic overseeing the child's care. The local professional must be licensed to practice in his or her area of professional expertise and must agree to serve the patient for the fee set by the state program.

The state oral-facial program financially supports a variety of services for eligible children. They include: extensive diagnostic services, hospitalization, surgical procedures, preventive and restorative dental care; prosthetic intervention; orthodontic treatment and speech/language therapy.

Other Support Services

At present there are two parent support groups functioning in this state (Appendix B). The two groups differ in their focus and level of activity. In general, the goal of these groups is to provide mutual support and to disseminate information about cleft lip and palate.

The American Cleft Palate Educational Foundation (ACPEF) publishes the *Newsletter for Parents and Patients,* which is provided to parent organizations and to all members of the American Cleft Palate Association without charge. Other interested persons may subscribe for $1 a year by writing to the ACPEF National Office (331 Salk Hall, University of Pittsburgh, Pittsburgh, PA 15261). Additional information regarding services for patients and their families in North Carolina or anywhere in the United States is available by contacting Executive Director Jane Angelone Graminski at the National Office (421/624-0625), or by calling CLEFTLINE, a 24-hour hotline established in 1985 to provide professional guidance and lay-person support for the parents of patients with any form of craniofacial anomaly. The CLEFTLINE number is 1-800-24-CLEFT. Any question requiring a professional response will be referred to an appropriate specialist who will return the call within 24 hours.

In addition, the ACPEF has prepared a series of pamphlets appropriate for families of patients ranging from instructions for the parents of newborn babies to booklets for the adolescent cleft patient. These pamphlets have all been approved by the Foundation's board of directors and are available for a small charge by writing to the National Office at the address noted above.

References

1. Meyers RA, Turnbull CD, and Strauss RP. Cleft lip and cleft palate in North Carolina. NCMJ 1977;38:707-12.
2. Koepp-Baker H. The craniofacial team. In Bzoch KR (Ed.), Communicative disorders related to cleft lip and palate. Boston: Little, Brown, 1979.
3. Whitehouse FA. Teamwork as a dynamic system. Cleft Palate J 1965;2:1.
4. McWilliams BJ, Morris HL, and Shelton RL. Cleft palate speech. St. Louis: the C.V. Mosby Company, 1984.
5. Gorlin RJ, Pindborg JJ, and Cohen MM. Syndromes of the head and neck. 2nd Ed. New York: McGraw-Hill, 1976.
6. Ann Wolfe, M.D., M.P.H., Supervisor Clinical Management Unit. Developmental Disabilities Branch, Division of Health Services, North Carolina Department of Human Resources, P.O. Box 2091, Raleigh 27602-2091. 919/733-3816.
7. The American Cleft Palate Association. Membership-team directory. Pittsburgh: The American Cleft Palate Educational Foundation, 1983.

Appendix A

Cleft Palate Teams in North Carolina, by City

Asheville
Asheville Oral Facial Team
Thoms Rehabilitation Hospital
Rotary Drive
Asheville 28803
704/274-2400
Director: James M. McDonough, M.D.

Chapel Hill
Oral Facial and Communicative Disorders Program
School of Dentistry, 209H
University of North Carolina at Chapel Hill
Chapel Hill 27514
919/966-2275
Director: Donald W. Warren, D.D.S., Ph.D.

Charlotte
Charlotte Oral Facial Team
Charlotte Rehabilitation Hospital
1100 Blythe Blvd.
Charlotte 28203
704/333-6634
Director: William Mullis, M.D.
Coordinator: Bonnie S. Henry, M.A.

Durham
Facial Rehabilitation Center/Cleft Palate Team
Box 3974
Duke University Medical Center
Durham 27710
919/684-4114
Coordinator: Edward Clifford, Ph.D.

Greenville
Maxillofacial Evaluation Team
Regional Rehabilitation Center
Pitt County Memorial Hospital
P.O. Box 6028
Greenville 27834
919/757-4440
Director: Kelley Wallace, Jr., M.D.
Coordinator: Carolyn Smith

Winston-Salem
Winston-Salem Cleft Lip and Palate Clinic
North Carolina Baptist Hospital
Winston-Salem 27103
919/748-3313
Director: Paul Gwyn, M.D.

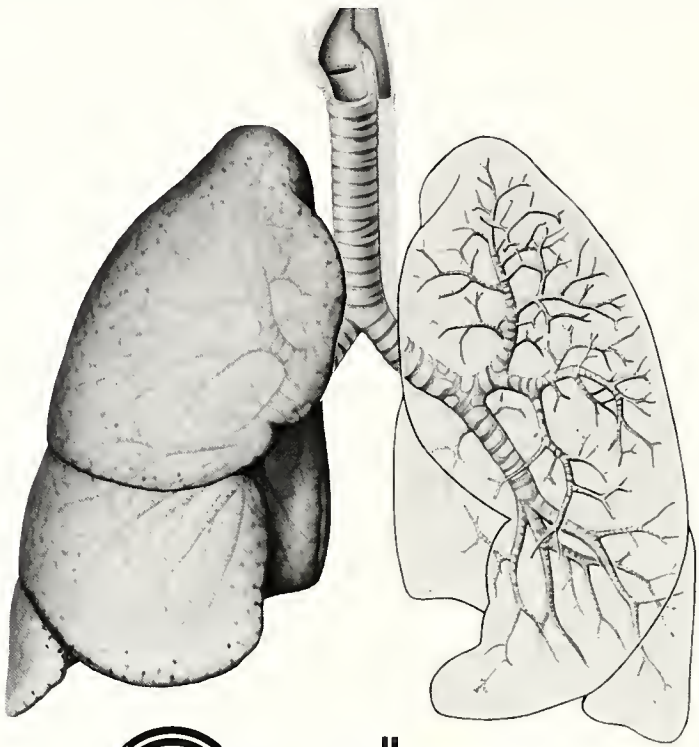
Appendix B

Parent Support Groups in North Carolina, by City

Chapel Hill
Oral, Facial, and Communicative Disorders Program Parent Group
Contact Person: Kim Uhrich, ACSW
919/966-2275

Charlotte
North Carolina Society for Cleft Lip and Palate Children
Contact Person: Bonnie S. Henry, M.A.
704/338-4300

Consider the causative organisms...



Ceclor®
cefaclor

250-mg Pulvules® t.i.d. offers effectiveness against the major causes of bacterial bronchitis

Haemophilus influenzae*, *H influenzae*, *Streptococcus pneumoniae*, *Streptococcus pyogenes
(ampicillin-susceptible) (ampicillin-resistant)

Note: Ceclor® is contraindicated in patients with known allergy to the cephalosporins and should be given cautiously to penicillin-allergic patients.

Penicillin is the usual drug of choice in the treatment and prevention of streptococcal infections, including the prophylaxis of rheumatic fever. See prescribing information.

Ceclor® (cefaclor)

Summary. Consult the package literature for prescribing information.

Indications: Lower respiratory infections, including pneumonia, caused by susceptible strains of *Streptococcus pneumoniae*, *Haemophilus influenzae*, and *S. pyogenes* (group A beta-hemolytic streptococci).

Contraindications: Known allergy to cephalosporins.

Warnings: CECLOR SHOULD BE ADMINISTERED CAUTIOUSLY TO PENICILLIN-SENSITIVE PATIENTS. PENICILLINS AND CEPHALOSPORINS SHOW PARTIAL CROSS-ALLERGENICITY. POSSIBLE REACTIONS INCLUDE ANAPHYLAXIS.

Administer cautiously to allergic patients.

Pseudomembranous colitis has been reported with virtually all broad-spectrum antibiotics. It must be considered in differential diagnosis of antibiotic-associated diarrhea. Colon flora is altered by broad-spectrum antibiotic treatment, possibly resulting in antibiotic-associated colitis.

Precautions:

- Discontinue Ceclor in the event of allergic reactions to it.
- Prolonged use may result in overgrowth of nonsusceptible organisms.
- Positive direct Coombs' tests have been reported during treatment with cephalosporins.
- In renal impairment, safe dosage of Ceclor may be lower than that usually recommended. Ceclor should be administered with caution in such patients.
- Broad-spectrum antibiotics should be prescribed with caution in individuals with a history of gastrointestinal disease, particularly colitis.
- Safety and effectiveness have not been determined in pregnancy, lactation, and infants less than one month old. Ceclor penetrates mother's milk. Exercise caution in prescribing for these patients.

Adverse Reactions: (percentage of patients)

Therapy-related adverse reactions are uncommon. Those reported include:

- Gastrointestinal (mostly diarrhea): 2.5%.
- Symptoms of pseudomembranous colitis may appear either during or after antibiotic treatment.
- Hypersensitivity reactions (including morbilliform eruptions, pruritus, urticaria, erythema multiforme, serum-sickness-like reactions): 1.5%; usually subside within a few days after cessation of therapy. These reactions have been reported more frequently in children than in adults and have usually occurred during or following a second course of therapy with Ceclor. No serious sequelae have been reported. Antihistamines and corticosteroids appear to enhance resolution of the syndrome.
- Cases of anaphylaxis have been reported, half of which have occurred in patients with a history of penicillin allergy.
- Other: eosinophilia, 2%; genital pruritus or vaginitis, less than 1%.

Abnormalities in laboratory results of uncertain etiology

- Slight elevations in hepatic enzymes.
- Transient fluctuations in leukocyte count (especially in infants and children)
- Abnormal urinalysis; elevations in BUN or serum creatinine
- Positive direct Coombs' test
- False-positive tests for urinary glucose with Benedict's or Fehling's solution and Clinitest® tablets but not with Tes-Tape® (glucose enzymatic test strip, Lilly)

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MEDICAL EDUCATION

House Call

Mark W. Swaim

I cursed my luck when they became my patients. A week later I cursed my luck when I had to leave them.

Someone once said that the essence of parenthood is not so much that adults make children as that children make adults. In the same way, patients forge physicians. Or so I have come to believe.

I at once praise and condemn my medical education for a superior grounding in technomedicine. I worked this summer, however, in a North Carolina mountain family practice; I hoped to learn medicine as an art and to approach a patient as a person even when it is more convenient to treat him as a collage of laboratory studies.

I went to the mountains unsure of just what I sought. But I found it when I met Richard Collins and his sons.

"Mark," said the clinic's nurse practitioner, "you'll have to see these people in room two. I tried — it set off my asthma." She hurried for her inhaler.

I saw three stunning specimens of tatterdemalion. But she was referring to the rancid odor of bodies long unscrubbed and clothes long unwashed. I gulped.

Richard Collins[1] introduced himself and his sons, Dennis, thirty-nine, and Pete, forty-one, both floridly unshaven and with blank expressions. "Now they're what you might call mentally handicapped," Collins explained; he, Dennis, Pete and a third son, Allen, thirty-two and also retarded, all lived in a small trailer.

I suspected more than mere mental retardation in Pete. His odd posture, grimace and laughter at my presence suggested schizophrenia. Indeed, someone had long ago prescribed for him Mellaril, an antipsychotic drug used to control schizophrenia. Collins sought a refill.

"I have to have it to control him," he said. he rolled up his sleeves and extended his arms. "This is where Pete bit me . . . here's where he came at me with a butcher knife."

Collins pointed to Dennis. "But he's the real reason I came up here today." Dennis had become sullen and lethargic during the past six weeks. He had stopped eating and lost thirty pounds, he was gaunt and pallid, his eyes and cheeks horribly sunken.

I was nauseated from the odor when I left the room. I had found nothing amiss when I examined Dennis and, by default, had drawn blood for tests but I had little faith that they would help. Collins described Dennis as "bordering on insanity," for which he, Dennis, had also been receiving Mellaril. After the household supply had run out, Dennis had declined. I suspected in him a milder schizophrenia; he likely derived a placebo sense of well-being from a daily pill. But I wasn't sure.

Pete, I discovered, was flagrantly diabetic. He was being woefully managed with a single whopping sixty-unit insulin shot each day — no doubt the cause of his eating binges and obesity. I had found Pete peculiarly menacing and had asked him to leave the room while I examined Dennis.

As I recounted this to my boss, Dr. H., I realized the visit had raised more questions than it had answered. What of the family's finances? What of Pete's diabetes and unpredictability? What of the rest of the family? Why was no social worker involved? And what of the circumstance of three retarded men living in close quarters? I thought of Faulkner's idiot manchild Benjamin Compson.

Dr. H. furrowed his brow. "You know, Mark, maybe a home visit would help."

"My nose wants to send them O.T.D. — and stat," I retorted with a laugh. Dr. H. continued, but I wasn't listening. I was growing angry at myself for having invoked a callous acronym, meaning "out the door," used too often by clinicians.

I thought of the onus on poor Richard Collins, seventy-seven years old, for whom some personal Atlas had long ago shrugged, to whom Thoreau might have referred in writing of men leading "lives of quiet desperation." In a moment I was in the hall and walking rapidly toward the parking lot from which Collins was about to depart.

My thoughts were a morass as I drove to the Collins home on a hot August afternoon three days later. Where does clinical responsibility end and altruism begin? Was I acting on some morbid fascination? No, I thought, Richard Collins needs the help that social services sidestepped, that family shirked, that the community skirted and that doctors had been too busy to convey. But there was the rub: the family's medical problems were now inseparable from its domestic ails, so the buck had stopped. Enter a medical student ambivalent about being in the right place at the right time.

Collins greeted me with cordiality and surprise. I was tickled into a good humor by the sight of him wearing two pairs of glasses at the same time. He and his sons were reclining, smoking, on their trailer porch. Smoking and television — I counted five TV sets in the trailer — are their palliatives for the mortal tedium of long, unemployed days. They are shunned by neighbors.

I asked questions. Collins became reticent. After a long silence, he abruptly turned, rummaged through a cabinet,

From Duke University, P.O. Box 2789, Durham 27710.

With this evocative and insightful paper, Mr. Swaim won the 1986 competition for the North Carolina Medical Society's Medical Student Section Scholarship.



and tossed onto my lap a tattered manila envelope stamped CONFIDENTIAL. I learned from the institutional records it contained that Pete and Dennis indeed had schizophrenia. I also learned that Richard Collins had tried to kill himself after his life had taken a particularly sordid twist.

Pete, Dennis and Allen, who functioned respectively at four-, six-, and seven-year-old levels, had been taken out of a mental institution in Western North Carolina by a father who needed to prove that he could better care for his sons.

At the time, Collins had separated from his wife after her conviction for running a brothel. He was tried twice — and acquitted — for incestuous rape. He was convicted of deserting his eight children, half of whom are retarded. He had tried to hang himself.

Collins lit a cigarette with trembling hands. "If my boys was drownin', I don't know which I'd go after first. I feel close to 'em all." His sons, who seemed mesmerized by my presence, smiled. "We're proud folks. We don't ask anybody for anything."

The family's livelihood was Collins' monthly $1318 social security check, portions of which were earmarked for his sons. Rent for their four-room trailer, one room of which was the kitchen and Collins' bedroom, was $250 per month, without utilities. He bought $600 worth of groceries each month on ostensible credit by post-dating checks. He proffered justification for large purchases of beer: "If I give (Pete and Dennis) a beer I don't have to give 'em a Mellaril."

Collins literally owned no clothes but borrowed daily from his sons, each of whom was limited to a repertoire of dressing, personal hygiene and scrambling eggs. Collins did the rest.

Allen and Dennis became childishly enraged at Pete, who was always irascible and often threatening. I found myself wary of having Pete behind my back. He slept at the far end of the trailer because of his nocturnal paroxisms of gibbering and wailing. Dennis' schizophrenia manifested itself as autism. Collins said that Dennis spent long periods staring raptly into space or hammering nails into the ground. He also hoarded cigarettes, his room shelf looking like that of a tobacconist's shop.

"He's afraid he's gonna run out," Collins said.

That same compulsive streak likely had led Dennis to attribute his health to a pill. I told Collins that Dennis might do as well on a placebo, perhaps a vitamin pill. As we spoke, each of his sons procured from the cupboard a prescription bottle. They walked to where we sat, and each displayed his bottle, pointing to its contents. Collins and I smiled warmly at each other. We had used the noun "pill" many times in our chat.

"You know," he began, "it's really great to have an interested somebody to tell all this to . . ."

Back at the clinic, I went through layers of red tape with county social services. "It's really difficult for me to believe that someone isn't *already* working with them," I said. "At the very least they need food stamps." I arranged for a social worker to visit them. I asked a pharmacist to find some pill that resembles Mellaril but which could serve as a placebo. "And please put it in a bottle for 'Dennis Collins' — don't worry, his father will know the difference."

They came one morning for a follow-up visit. The three were jubilant. I had given Collins a regimen for tapering Pete's insulin. Collins said Pete wasn't eating as much because his insulin had been decreased by three units already, and he was much more tractable now on renewed Mellaril. I turned to Dennis and was relieved to see him beaming. His face was rosy and he had gained weight.

I told Collins of my conversations with Dr. H., social services and the pharmacist. His gratitude was extreme. I had thought much about him in the interim. What would compel a man to make his life a living sacrifice for his sons? I thought love too simple an answer. Instead, it must be that in giving, he received. Indeed, Richard Collins taught me that in nurturing we are nurtured. He served to remind me that all patients are human and that the similarities between them and me thus outnumber any differences.

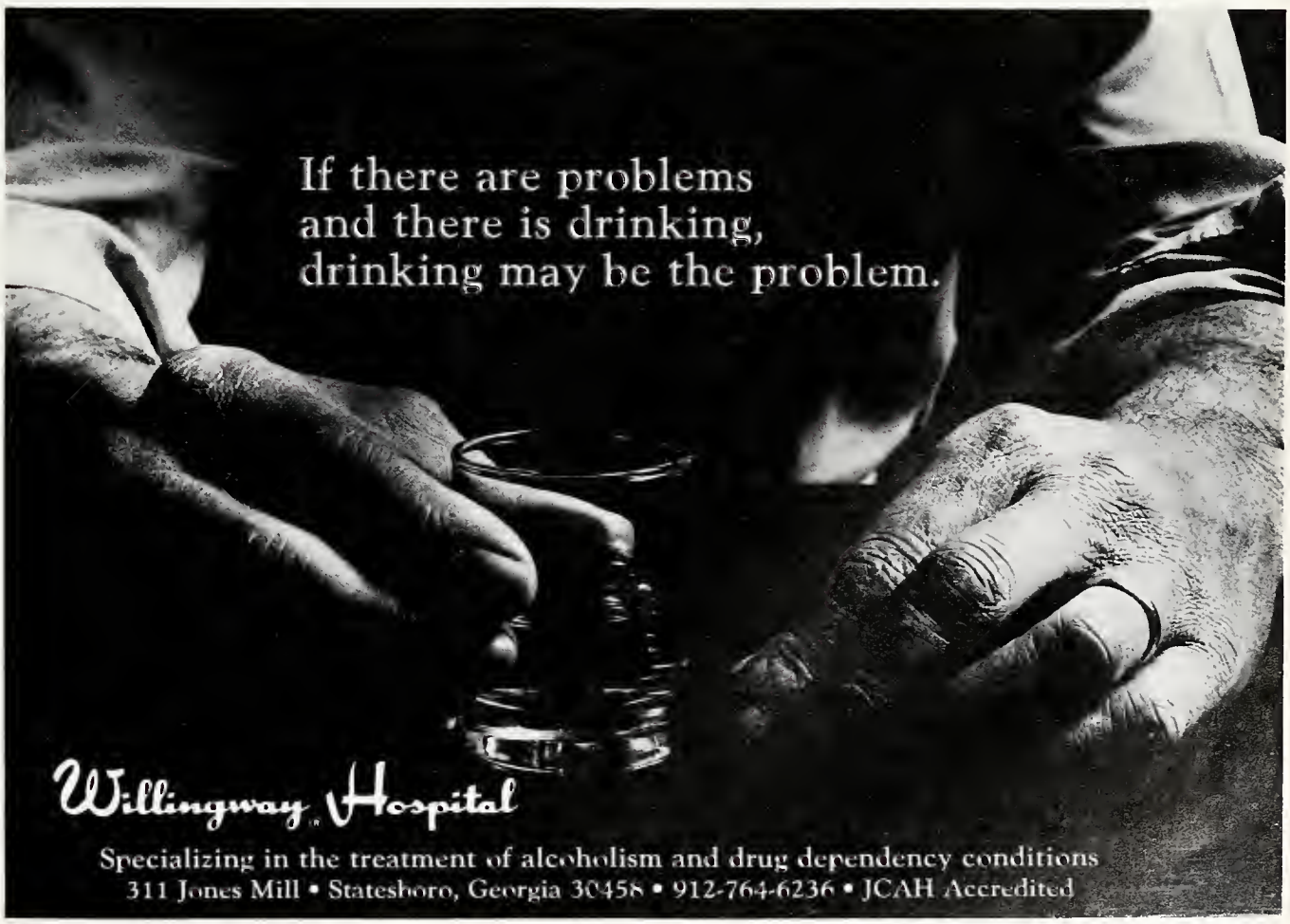
I told him it was my last day at the clinic, that, in fact, I would be leaving town in a few hours. We shared a long, firm handshake.

"I think you're doing a fantastic job," I said.

I can't be sure — men hide it well — but I rather think Richard Collins was about to cry. I know I was.

Endnote

1. The patients' names have been changed for this article.



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Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically, serum K^+ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K^+ intake. **Associated widened QRS complex or arrhythmia requires prompt additional therapy.** Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, thrombocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: The bioavailability of the hydrochlorothiazide component of 'Dyazide' is about 50% of the bioavailability of the single entity. Theoretically, a patient transferred from the single entities of triamterene and hydrochlorothiazide may show an increase in blood pressure or fluid retention. Similarly, it is also possible that the lesser hydrochlorothiazide bioavailability could lead to increased serum potassium levels. However, extensive clinical experience with 'Dyazide' suggests that these conditions have not been commonly observed in clinical practice. Angiotensin-converting enzyme (ACE) inhibitors can elevate serum potassium; use with caution with 'Dyazide'. Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids, and during concurrent use with amphotericin B or corticosteroids or corticotropin [ACTH]). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Cumulative effects of the drug may develop in patients with impaired renal function. Thiazides should be used with caution in patients with impaired hepatic function. They can precipitate coma in patients with severe liver disease. Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic and hemolytic anemia have been reported with thiazides. Thiazides may cause manifestation of latent diabetes mellitus. The effects of oral anticoagulants may be decreased when used concurrently with hydrochlorothiazide; dosage adjustments may be necessary. Clinically insignificant reductions in arterial responsiveness to norepinephrine have been reported. Thiazides have also been shown to increase the paralyzing effect of nondepolarizing muscle relaxants such as tubocurarine. Triamterene is a weak folic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Antihypertensive effects may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. Triamterene has been found in renal stones in association with the other usual calculus components. Therefore, 'Dyazide' should be used with caution in patients with histories of stone formation. A few occurrences of acute renal failure have been reported in patients on 'Dyazide' when treated with indomethacin. Therefore, caution is advised in administering nonsteroidal anti-inflammatory agents with 'Dyazide'. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with possible metabolic acidosis. 'Dyazide' interferes with fluorescent measurement of quinidine. Hypokalemia is uncommon with 'Dyazide', but should it develop, corrective measures should be taken such as potassium supplementation or increased dietary intake of potassium-rich foods. Corrective measures should be instituted cautiously and serum potassium levels determined. Discontinue corrective measures and 'Dyazide' should laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilutional hyponatremia. Concurrent use with chlorpropamide may increase the risk of severe hyponatremia. Serum PBI levels may decrease without signs of thyroid disturbance. Calcium excretion is decreased by thiazides. 'Dyazide' should be withdrawn before conducting tests for parathyroid function. Thiazides may add to or potentiate the action of other antihypertensive drugs. Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

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Adding Interest and Excitement to Geriatric Clinical Rotations

Nancy W. Stead, M.D., and Kenneth W. Lyles, M.D.

THE lay press, the congressional record, television talk shows and the medical profession know that our population is rapidly aging and that we need to prepare our doctors to enjoy the privilege of caring for the aged. Our medical educational system in the clinical years of undergraduate medical school, and in the graduate years of internship and residency, is geared to a "hands-on" approach. Students at all levels help with the diagnosis and treatment of patients' diseases. The problems are either acute or acute episodes that occur in chronic illness. The entire spectrum of diseases is covered in this way. The action is fast and furious and the learning curve very rapid. Diagnosis, treatment, outcome and disposition occur in rapid succession and a new problem is promptly tackled.

All of our elderly have bodies that differ from those of the younger working population. They are people who have diseases most of which are not curable. Educators and health care providers realize that the present system of education and training does not adequately prepare students and post-graduate trainees to meet the challenges brought by this clientele.[1-5] Are there any educational devices that will make the care of elderly persons as exciting as the diagnosis and treatment of diseases? In the past few years, innovative models for geriatric education ranging from active "hands-on" patient care to modules simulating particular clinical problems facing elderly patients have been developed.[6-11] Each of these models fulfills a particular need as educators prepare their trainees for the increasing numbers of elderly clientele they will soon serve.

Internists are one group of physicians who will provide extensive primary care for elderly people; therefore, training programs in Medicine must adequately equip physician trainees for the challenges they will face as they care for elderly people. It is our belief that active "hands-on" care of patients provides the most permanent imprinting of disorders of elderly patients. One of the problems with many clinical geriatric teaching experiences is that the patients receiving care have many functional problems with their chronic diseases, but, over a short time period, little change occurs in many of these patients. Since post-graduate training programs for physicians are divided into rotations that are seldom longer than two months, it is difficult for the house officer to have a broad exposure to some of the acute problems that many elderly patients face. A second problem that can occur on a geriatric medicine rotation is that the house officer may not have enough work to provide a stimulating learning experience.

We developed an unusual teaching service by offering a Geriatric Consultative Service to the Orthopedic Surgery Section of the Augusta VA Medical Center for all admitted patients over the age of 60. A large portion of the patients admitted to the service met this criterion and had sustained an acute fracture or required surgical therapy for some type of arthritis. Not surprisingly, the Orthopedic surgeons requested the Geriatric Service to care for particular individuals less than 60 years of age.

In July 1982, the Department of Medicine of the Medical College of Georgia established for second-year medical residents a rotation in geriatrics. Primary ward credit toward qualification for examination by the American Board of Internal Medicine was given for this rotation. Providing consultations on newly admitted patients and making daily ward rounds on patients already on the ward required approximately four hours of work per day for the resident. The remainder of the house officer's time was spent caring for patients admitted to the Stroke Rehabilitation Unit at the Intermediate Medicine Service at the VA Medical Center. The patients admitted to the Orthopedic Surgery Service formed the learning base of the medical residents assigned to the Geriatric Service. This report demonstrates that the residents had a unique opportunity to manage elderly patients with both acute and chronic diseases in sufficient numbers to create a worthwhile training experience.

Methods

Patients admitted to the Orthopedic Surgery Service were cared for by resident physicians under the supervision of the Orthopedic Surgery Section attending physicians. All patients over the age of 60 were evaluated routinely the day of or the day after admission by a second-year internal medicine resident on the Geriatric Service. The geriatric resident performed a complete history and physical exam, reviewed all pertinent laboratory data and, where appropriate, managed the patient's medical problems in preparation for either surgery or other procedures that were deemed necessary by the Orthopedic Surgery Service. During the course of hospitalization, the patients were seen daily by the medical resident under the supervision of an attending geriatrician, and indicated changes in management of the medical problems were carried out. There was close communication between the medical resident and the orthopedic house staff because both made work rounds at

From the Department of Medicine of the Medical College of Georgia and VA Medical Center, BD 131, Augusta, GA 30912

Table 1
Age of Patients

Patient Age (Years)	*Number*
<50	1
50-55	5
55-59	12
60-64	49
65-69	26
70-74	20
75-79	3
80-84	4
85-89	18
>90	1
TOTAL	139

7:00 A.M. In addition, the medical resident participated in the weekly team meeting at which patients' progress was reviewed by the entire orthopedic ward staff, Rehabilitation Medicine, Nursing and Social Work Service. Patients below the age of 60 for whom consultation was requested by the orthopedic resident were evaluated in an identical fashion.

Results

During the first 12 months that the geriatrics teaching service was in operation, a total of 139 patients were seen. The distribution of patient age is shown in table 1. Seventy-eight percent of the patients were between 56 and 75 years old. Thirteen percent of the consultations actually given by the medical resident were for people less than the target age of 60 years. These patients had co-existing medical, non-orthopedic conditions with which the orthopedic resident wanted assistance. The primary reason for hospitalization was by definition orthopedic. The breakdown of these problems is shown in table 2. The most common problem was fracture of proximal femur, which accounted for 35% of admissions; fracture of other bones caused 16% of admissions. These two categories comprised the emergency admissions of elderly patients to the orthopedic service. Total knee replacement and total hip replacement were also frequent reasons for surgery. The 26% (36 patients) of problems called "other" included surgical and non-surgical orthopedic problems; among the more common problems in this category were five infected prostheses, five tibial osteotomies and four patients requiring gait training after lower limb amputation.

The age of patients requiring emergency hospitalization for fracture was greater than that of the group as a whole.

Table 2
Orthopedic Diagnosis

Diagnosis	*Patient Number (%)*
Fractured hip	49 (35%)
Total hip replacement	23 (16%)
Total knee replacement	12 (9%)
Other fracture	19 (14%)
Other	36 (26%)
TOTAL	139 (100%)

Table 3
Non-Orthopedic Diagnoses

Arteriosclerotic Cardiovascular Disease	82
Arthritis	65
Gastrointestinal Bleeding	35
Cerebrovascular Accidents and Seizures	33
Hypertension	45
Chronic Obstructive Pulmonary Disease	41
Anemia (hemoglobin < 11 gm %)	29
Urinary Retention or Urosepsis	23
Alcoholism	29
Renal Insufficiency Cr > 2.5	7
Pulmonary Embolus, Venous Stasis	13
Neoplasms	10
Other	22
Metabolic Disease Excluding Diabetes	30
Diabetes Mellitus	22
Dementia	16

The median age group of the entire cohort was 60-65 years, whereas the median age group for patients admitted for fracture of the hip was 85-90. Stated in another way, 50% of the 139 patients were admitted for a fracture, whereas 67% of the subgroup over 70 years of age were hospitalized for fracture. Fracture requires rapid, non-elective surgery, and the patients with the greatest number of non-orthopedic diagnoses were hospitalized for this reason. In these patients, the close communication between medical residents and orthopedic house staff facilitated definitive surgical management. Patients with fractured hips usually were operated upon the day after they were admitted.

Only 2% of the 139 patients seen during the 12-month period had no problem other than the orthopedic diagnosis when evaluated by the Geriatric Service. The average number of non-orthopedic diagnoses was 4.5; 50% of patients had two to four such diagnoses with a total up to 11. Of the 11 patients with eight such diagnoses, seven were hospitalized for fracture. The most common non-orthopedic illness seen was arteriosclerotic cardiac disease which was present in two-thirds of the patients. Arthritis was symptomatic in more than half the patients. Gastrointestinal bleeding (active or in the past), neurologic dysfunction and hypertension were present in more than a third of the patients. The other medical problems are shown in table 3. Although renal insufficiency, diabetes mellitus, and pulmonary embolus did not occur in more than 15% of the patients, these problems were ones in which the medical resident had the most input.

Preoperative interventions in the patients evaluated by the medical resident included correction of hypokalemia, institution of bronchodilators, suppression of ventricular ectopy, therapy of urinary tract infection, assessment of adrenal reserve in patients taking corticosteroids, management of diabetes mellitus, and antithrombotic therapy in patients with a prior history of thromboembolic disease or gastrointestinal bleeding. Of patients evaluated for surgery, only 4% had the proposed procedure cancelled. Although cardiopulmonary risk was assessed in any previously ambulatory patient who was admitted with a lower extremity fracture, surgical pinning of fracture or prosthesis implantation was always done if the orthopedic sur-

geons and the geriatricians felt postoperative ambulation was at all possible. Surgery took place only after all available identifiable medical interventions had been made.

Postoperative interventions by the Geriatric Service included continued management of the previously identified problems as well as maintenance of bowel function, prevention of decubitus ulcers on the sacrum and heels, therapy of pulmonary embolus, therapy of postoperative ileus and therapy of postoperative urinary retention. The presence of the medical resident on the Orthopedic Service allowed the Service management of postoperative complications which might otherwise have required transfer of the patient to the Medical Service. Examples include diabetic ketoacidosis and hypercalcemia. Patients were followed by the Geriatric Service until both their orthopedic and medical problems were stable and could be managed on an outpatient basis or in a nursing home.

Discussion

The patient is the impetus for teaching or learning clinical medicine. Quality clinical care by medical and orthopedic residents forms the environment in which both learn geriatric medicine and surgery. After 12 months of operation, comments about the value of patient care and the effectiveness of the teaching experience were sought both from the orthopedic staff and from the medical residents who served on the rotation.

Orthopedic surgery attendings and residents and ward nurses all felt that the presence of the medical house staff on their ward significantly improved patient care. The two geriatricians involved knew that the elderly patients on this surgical service received comprehensive medical care because their resident became involved in the patients' care from the time of admission until discharge. In view of the fact that the number of co-existent chronic diseases increases as a patient ages,[12] we believe the elderly patient population is worthy of more intensive medical attention than is commonly available on a surgical subspecialty service.

Likewise all agreed that the presence of the medical house staff on the orthopedic ward provided a learning experience for house officers from both services. The orthopedic surgeons learned about the multiplicity of problems in their elderly patients. The medical residents reported that the experience of seeing and managing elderly patients before and after major surgical procedures gave them experience that will be useful to them in their practice of general internal medicine. Furthermore, they felt the experience on the Orthopedic Service could be expanded to other surgical subspecialties in the hospital. Such rotation is not a formal part of medical house staff training, but it should be included because primary care internists will be responsible for increasing numbers of elderly patients whose chronic problems will be affected by elective or emergency surgical procedures. Expansion of this consultation service to two additional surgical subspecialties would permit a full-time rotation.

We believe that five elements are essential for the success of a geriatric consultation service such as this. First, the population of elderly patients should draw from both independent and dependent living environments. Such a population has been shown to have more favorable effect on trainees' attitudes toward the elderly than a population of only institutionalized people.[13,14] Second, the duration of hospitalization for the problems precipitating admission is one to three weeks; the speed of recovery allows the residents to manage 25 new admissions per month in a full-time rotation and to observe at least half of the patients through the complete hospitalization. Third, residents from the geriatric service and the subspecialty service should make their daily work rounds independently but simultaneously. Being on the ward at the same time permits direct dialogue between the two about the impact of surgery on the patient's chronic problems and vice versa. Fourth, the medical resident should assume primary ongoing responsibility for management of the patient's acute or chronic non-surgical problems. Direct responsibility provides the active "hands-on" role which we believe provides the most permanent imprinting on the trainee of the multiple problems of elderly patients and of the potential for multimodality solutions. The wide diversity of illnesses documented in these patients precludes this rotation replacing a traditional subspecialty elective. Fifth, one-on-one time with a senior staff member permits the resident to learn from subtle patient findings.

We believe that this model of geriatric consultation service on a subspecialty service which does not give primary care to older patients should be considered by others developing a one- to two-month rotation in geriatrics.

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References

1. Libow LL. The issues in geriatric medical education and postgraduate training: old problems in a new field. Ger 1977;32:99-102.
2. Perotta P, Perkins D, Schimpfhauser F, Calkins E. Medical student attitudes toward geriatric medicine and patients. J Med Educ 1981;56:478-83.
3. Mazur H, Beeston JJ, Yerxa EJ. Clinical interdisciplinary health team care: an educational experiment. J Med Educ 1979;54:703-13.
4. Goldman R. Geriatric education at the undergraduate level. J Am Ger Soc 1977;25:485-586.
5. Goodson JD, Weeks J, Campion EW, DeJesus J. Characteristics of older patients in an urban teaching practice. J Med Educ 1981;56:459-66.
6. Napodano RJ, Williams TF. Education in geriatric medicine for the general internist. Geront Ger Ed 1981;2:59-64.
7. Strout RW. Teaching geriatric medicine at the Queen's University of Belfast. Age Ageing 1983;12S:7-13.
8. Cooney LM. A strategy for geriatric teaching. J Am Ger Soc 1983;31:171-3.
9. Robbins AS, Beck JC. Guidelines for graduate medical education in geriatrics. J Med Educ 1982;57:762-8.
10. Kappelman MM, Bartnick LA, Cahn B, Rapoport MI. A non-traditional geriatric teaching model: interprofessional service/education sites. J Med Educ 1981;56:467-77.
11. Lye M. Geriatric medicine and medical unemployment. J Royal College of Physicians of London 1982;16:129-30.
12. Rubenstein LZ, Josephson KR, Nichol-Seamons M, Robbins AS. Comprehensive health screening of well elderly adults: an analysis of a community program. J Geron 1986;41:342-52.
13. Butler RN. Geriatrics and internal medicine. Ann Int Med 1979;91:903-8.
14. Wolliscroft JO, Calhoun JG, Maxim BR, Wolf FM. Medical education in facilities for the elderly. JAMA 1984;252:3382-5.

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General: Head lice infestation is often accompanied by pruritus, erythema, and edema. Treatment with Nix may temporarily exacerbate these conditions.

Information for Patients: Patients with head lice should be advised that itching, redness, or swelling of the scalp may occur after application of Nix. If irritation persists, they should consult their physician. Nix is not irritating to the eyes; however, patients should be advised to avoid contact with eyes during application and to flush with water immediately if Nix gets in the eyes. In order to prevent accidental ingestion by children, the remaining contents of Nix should be discarded after use.

Combing of nits following treatment with Nix is not necessary for effective treatment. However, patients may do so for cosmetic or other reasons. The nits are easily combed from the hair treated with Nix after drying.

Carcinogenesis, Mutagenesis, Impairment of Fertility: Six carcinogenicity bioassays were evaluated with permethrin, three each in rats and mice. No tumorigenicity was seen in the rat studies. However, species-specific increases in pulmonary adenomas, a common benign tumor of mice of high spontaneous background incidence, were seen in the three mouse studies. In one of these studies there was an increased incidence of pulmonary alveolar-cell carcinomas and benign liver adenomas only in female mice when permethrin was given in their food at a concentration of 5000 ppm. Mutagenicity assays, which give useful correlative data for interpreting results from carcinogenicity bioassays in rodents, were negative. Permethrin showed no evidence of mutagenic potential in a battery of *in vitro* and *in vivo* genetic toxicity studies.

Permethrin did not have any adverse effect on reproductive function at a dose of 180 mg/kg/day orally in a three-generation rat study.

Pregnancy: *Teratogenic Effects:* Pregnancy Category B: Reproduction studies have been performed in mice, rats, and rabbits (200-400 mg/kg/day orally) and have revealed no evidence of impaired fertility or harm to the fetus due to permethrin. There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: It is not known whether this drug is excreted in human milk. Because many drugs are excreted in human milk and because of the evidence for tumorigenic potential of permethrin in animal studies, consideration should be given to discontinuing nursing temporarily or withholding the drug while the mother is nursing.

Pediatric Use: Nix is safe and effective in children two years of age and older. Safety and effectiveness in children less than two years of age have not been established.

ADVERSE REACTIONS: The most frequent adverse reaction to Nix is pruritus. This is usually a consequence of head lice infestation itself, but may be temporarily aggravated following treatment with Nix. 5.9% of patients in clinical studies experienced mild temporary itching; 3.4% experienced mild transient burning/stinging, tingling, numbness, or scalp discomfort; and 2.1% experienced mild transient erythema, edema, or rash of the scalp.

DOSAGE AND ADMINISTRATION:

Adults and Children: Nix is intended for use after the hair has been washed with shampoo, rinsed with water and towel dried. Apply a sufficient volume of Nix to saturate the hair and scalp. Nix should remain on the hair for 10 minutes before being rinsed off with water. A single treatment is sufficient to eliminate head lice infestation. Combing of nits is not required for therapeutic efficacy, but may be done for cosmetic or other reasons.

SHAKE WELL BEFORE USING.

HOW SUPPLIED: Nix (Permethrin) 1% (wt./wt.) Creme Rinse is supplied in plastic squeeze bottles that contain 2 fl. oz. weighing 56 g. (NDC-0081-0780-81)
Store at 15°-25°C (59°-77°F).

Reference: 1. Data on file, Burroughs Wellcome Co.

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86 NIX 3

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Wade Kenton Grainger (FP), P.O. Box 696, Skyland 28776
David Harding Humphreys (PS), 5 Livingston at Victoria, Plastic Surgery Ctr., Asheville 28801

Catawba
Robert Bruce Stevens (AN), 3430 5th St. Drive, NW, Hickory 28601
Larry Thomas Williams (AN), 354 Sixth St., NW, Hickory 28601

Craven-Pamlico-Jones
Glenn Bryan Davis (FP), P.O. Box 569, Havelock 28532

Davidson
Thomas Dean Abbott (FP), Ripple Bldg., P.O. Box 120, Welcome 27374

Durham-Orange
Watson Allen Bowes, Jr. (OBG), UNC, Dept. of OBG, 214 MacNider Bldg., 202-H, Chapel Hill 27514
Susan Evans Brown (FP), 5124 Revere Road, Durham 27713
Anthony Joseph Dinome, Jr. (STUDENT), 519 E. Rosemary St., Chapel Hill 27514
Richard Clark Henderson (ORS), UNC, 237 Burnett-Womack, Div. of ORS, 229-H, Chapel Hill 27514
Robert Stephan Jablonover (STUDENT), 1305 Briar Patch Ln., Raleigh 27609
Howard Ozer (ON), UNC, 3019 Old Clinic Bldg., 226-H Chapel Hill 27514
Shawn Elaine Russell (P), IBM, Box 12195, Research Triangle Park, 27709
Daniel Carl Sullivan (R), Box 3808, DUMC, Durham 27710

Forsyth-Stokes-Davie
Dean George Assimos (U), Bowman Gray School of Medicine, Winston-Salem 27103
Bryan Glenn Crum (STUDENT), 315 Taylor St., Apt. 0, Winston-Salem 27103
Gary Joe Harpold (N), 300 S. Hawthorne Road, Winston-Salem 27103
Robert Joseph Keating (STUDENT), 300 S. Hawthorne Road, Winston-Salem 27103

Franklin
Phillip E. Stover, Franklin Family Medicine, 519 N. Buckett Blvd., Louisburg 27549

Iredell
Allen Richard Edwards (FP), RT. #3, Box B-240, Statesville 28677

Johnston
Stanley Robert Bylciw, P.O. Box 1538, Smithfield 27577

Lincoln
Robert Colton MacDuffee (FP), 108 Doctor's Pk., P.O. Box 250, Lincolnton 28092

Mecklenburg
David Kindley Cobb (IM), 4600 Holbrook Dr., Charlotte 28212
Frederick Early Pfeiffer (N), 126 Cottage Place, Charlotte 28207
Craig Andrew Vander Veer (NS), 1010 Edgehill, Charlotte 28207
William Alan Ward (ORS), 120 Providence Rd., Charlotte 28207

Moore
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Thomas Marian Swantkowski (IM), Pinehurst Med. Clinic, P.O. Box 519, Pinehurst 28374

Pasquotank-Camden-Currituck-Dare
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Pitt
Juan Carlos DeVirgiliis (RESIDENT), P.O. Box 709, Farmville 27828

Richmond
Michael Arthur Hennigan (IM), 53 Main St., Hamlet 28345

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Dennis O'Garey Stuart (FP), 3582 Fayetteville Rd., Lumberton 28358

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Thomas K. Fehring (ORS), 120 Providence Road, Charlotte 28207

Wake
Richard D. Adelman (FP), 3329 Executive Dr., Raleigh 27609
Kyle Woodrow Strader (RHU), 3831 Merton Dr., Raleigh 27609

Wilkes
Robert Blaine Groves (R), Rt. #1, Box 275-B, Purlear 28665

Continuing Medical Education

Please note: The Continuing Medical Education Programs at Bowman Gray, Duke, East Carolina (ECU) and UNC Schools of Medicine, Dorothea Dix, and Burroughs Wellcome Company are accredited by the American Medical Association. Therefore CME programs sponsored or cosponsored by these schools automatically qualify for AMA Category I credit toward the AMA's Physician Recognition Award, and for North Carolina Medical Society Category A credit. Where AAFP credit has been obtained, this also is indicated.

IN STATE

October 19-21
Sports Medicine Symposium for Primary Care Physicians

Place: Chapel Hill
Credit: 14 hours Category 1 AMA, AAFP
Fee: $225; $100 residents
Info: Dr. William B. Wood, 231 MacNider, Chapel Hill 27514. 919/962-2118

October 23-26
Unity and Diversity, Annual Meeting and Scientific Program of the NC Psychiatric Association
Place: Asheville
Fee: $80 members; $0-100 others
Info: Katherine P. Hux, Exec. Director, NCPA, 222 N. Person St., Raleigh 27601

October 27-31
Infection Control Workshop, Part II
Place: Chapel Hill
Credit: Approximately 35 hours Category 1 AMA
Fee: $75
Info: William B. Wood, M.D., Office of CME, 231 MacNider 202 H, University of North Carolina School of Medicine, Chapel Hill 27514. 919/962-2118.

October 29
Neurology for the Primary Care Practitioner: Seizure Management
Place: Greenville
Credit: 7 hours Category 1 AMA
Fee: $55
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

November 6-9
38th Annual Scientific Assembly
Place: Charlotte
Credit: 18 hours
Info: Mary Anna Hendley, NC Academy of Family Physicians, Box 20146, Raleigh 27619. 919/781-6467

November 8-9
The Role of Psychotherapy in Psychiatric Training and Practice: Old Paradigms and New Realities
Place: Chapel Hill
Credit: 8 hours Category 1 AMA
Fee: $150; $125 UNCPAA Members; $50 Trainees (Letter from training program director required)
Info: William B. Wood, M.D., Office of CME, 231 MacNider 202 H, University of North Carolina School of Medicine, Chapel Hill 27514. 919/962-2118

November 12
Surgery Update 1986
Place: Greenville
Credit: 7.5 hours Category 1 AMA
Fee: $55
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

November 18-20
Stimulating Creativity at Work
Place: Chapel Hill
Fee: $600; $400 each for three or more
Info: William B. Wood, M.D., Office of CME, 231 MacNider 202 H, University of North Carolina School of Medicine, Chapel Hill 27514. 919/962-2118

November 19
Oncology '86: A Multimodality Approach to the Treatment of Advanced Malignant Disease of the Ovary and Head and Neck
Place: Greenville
Credit: 7 hours Category 1 AMA
Fee: $55
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

December 3-5
How to Stimulate Team Effectiveness in Medical Schools and Teaching Hospitals
Place: Chapel Hill
Fee: $450; $300 each for three or more
Info: William B. Wood, M.D., Office of CME, 231 MacNider 202 H, University of North Carolina School of Medicine, Chapel Hill 27514. 919/962-2118.

December 6
Diarrhea: Diagnosis, Management, and Prevention
Place: Chapel Hill
Fee: $50
Credit: 7 hours Category 1 AMA
Info: William B. Wood, M.D., Office of CME, 231 MacNider 202 H, University of North Carolina School of Medicine, Chapel Hill 27514. 919/962-2118

January 14
Diabetes Mellitus: Management in Pregnancy and Childhood
Place: Greenville
Fee: $55
Credit: 6.5 hours Category 1 AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

January 21
GI Update: Cancer Surveillance and the Role of Biopsy in Gastrointestinal Diseases (GI)
Place: Greenville
Fee: $55
Credit: 7 hours Category 1 AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

February 11
The Psychiatric Aspects of Life Threatening Illness
Place: Greenville
Fee: $30
Credit: 3.5 hours Category 1 AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

February 20
Pediatrics Day 1987
Place: Greenville
Fee: $55
Credit: 6 hours Category 1 AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

Nursing

The following are continuing education courses offered by the UNC-Chapel Hill School of Nursing. Except where otherwise noted, contact Nettie Wilburn, CPS, Office of Continuing Education, University of North Carolina, Chapel Hill 27514. 919/966-3638.

October 17
Publishing Research
Place: Chapel Hill
Credit: .66 CEUs
Fee: $40

November 7 & 14 and November 10 & 17
NC-NCAST Project 1: Introduction to Parent-Child Assessment
Place: Wilmington and Tarboro
Credit: 1.32 CEUs
Fee: $25

November 7 - May 1
Psychiatric and Mental Health Nursing
Place: Chapel Hill
Credit: 4.62 CEUs
Fee: $250

November 11
Responsibilities Shouldered, Shared: A Motivation & Productivity Workshop
Place: Asheville
Credit: Pending
Fee: $40; $36 for 3 or more
Info: Jane Tolley, Mountain AHEC Nursing Education, 501 Biltmore Ave., Asheville 28801. 704/258-0881

January 9 - March 5
NC-NCAST 2: Parent-Child Assessment
Place: Elizabeth City
Credit: 3.96 CEUs
Fee: $75

OUT OF STATE

October 17
Selected Topics in Pediatrics
Place: Norfolk, VA
Info: Jean E. Shelton, M.D., 800 West Olney Road, Norfolk, VA 23507. 804/628-7179

October 24-25
Great Midwestern Shootout at the UK Corral (A Workshop on Total Hip and Total Knee Replacement)
Place: Lexington, KY
Credit: Category I AMA
Info: Joy Greene, 132 College of Medicine Office Bldg., University of Kentucky, Lexington, KY 40536-0086. 606/233-5161

October 25-26

Management of Obstetrical and Gynecological Emergencies
Place: Johnson City, TN
Info: Ramona Miller, Ph.D., Office of CME, Quillen-Dishner College of Medicine, Johnson City, TN 37614. 615/929-6204

October 26-31

Seventeenth Family Medicine Review
Place: Lexington, KY
Credit: Category I AMA
Info: Joy Greene, 132 College or Medicine Office Bldg., University of Kentucky, Lexington, KY 40536-0086. 606/233-5161

October 30-31

The Age of Geriatric Rehabilitation Perspectives and Potentials
Place: New Hyde Park, NY
Credit: 15 hours Category I AMA, ACCME
Fee: $275
Info: Ann J Boehme, Long Island Jewish Medical Center, New Hyde Park, NY 11042. 718/470-8650

November 7-8

The 7th Annual GI Assistant: Principles and Practice
Place: Richmond, VA
Fee: $105
Info: Kathy Martin, Office of CME, Medical College of Virginia, Box 48, MCV Station, Richmond, VA 23298-0001. 804/786-0494

November 10-13

A Primary Care Update: The 71st Scientific Assembly of Interstate Postgraduate Medical Association
Place: San Diego, CA
Credit: 24 hours Category I AMA; AAFP: CFPC; 4 hours Category 5 AMA
Fee: $170; $35 Residents; $50 Allied Health Personnel
Info: IPMANA, P.O. Box 1109, Madison, WI 53701. 608/257-6781

November 17-21

The 1986 National Institute on Health Care Leadership and Management
Place: Point Clear, AL
Info: Sherry Mason, American Academy of Medical Directors, 4830 W. Kennedy Blvd., Suite 648, Tampa, FL 33609. 813/873-2000

November 19

The New Economics of Medical Care: The Identifier Concept
Place: New Hyde Park, NY
Fee: $110
Credit: 6 hours Category 1 AMA, ACCME
Info: Ann J. Boehme, Long Island Jewish Medical Center. New Hyde Park, NY 11042. 718/470-8650
(To be offered also March 18, 1987)

December 8-10

Diet and Exercise in Noninsulin-Dependent Diabetes Mellitus
Place: Bethesda, MD
Credit: 12.5 hours Category 1 AMA
Info: Sharon Feldman, Prospect Associates, 1801 Rockville Pike, Suite 500, Rockville, MD 20852. 301/468-6555

December 19-20

Advances in Gastrointestinal Surgery
Place: Lexington, KY
Credit: Category 1 AMA
Info: Joy Greene, 132 College of Medicine Office Bldg., University of Kentucky, Lexington, KY 40536-0086. 606/233-5161

January 9-17

Medical Updates VIII: A Review of Recent Advances in Medicine
Place: Park City, UT
Info: Ramona Miller, Ph.D., Office of CME, Quillen-Dishner College of Medicine, Johnson City, TN 37614. 615/929-6204

February 3-8

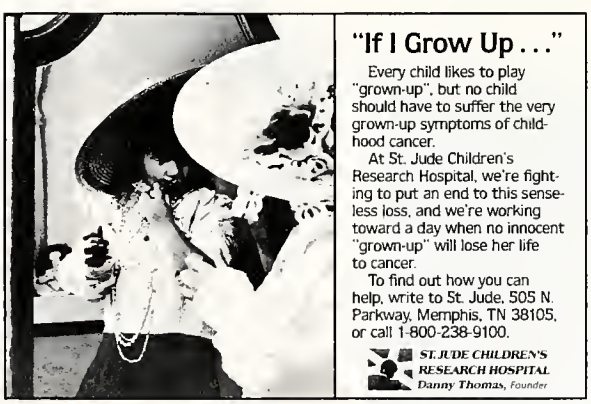
16th Annual Pediatric Postgraduate Course
Place: Palm Springs, CA
Credit: 18 hours Category I AMA
Info: Ann J. Boehme, Schneider Children's Hospital of Long Island Jewish Medical Center, New Hyde Park, NY 11042. 718/470-8650

February 21-28

Duke at Vail: Symposium on Inflammatory Diseases
Place: Vail, CO
Credit: 20 hours Category 1 AMA
Fee: $350; $250 Residents and Interns
Info: Angelika Langen, Box 3135 DUMC, Durham 27710. 919/684-2504

February 27-28

Advance Trauma Life Support
Place: Mountain Home, TN
Info: Ramona Miller, Ph.D., Office of CME, Quillen-Dishner College of Medicine, Johnson City, TN 37614. 615/929-6204



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Letters to the Editor

On Health Maintenance Organizations

To the Editor:

On September 8, 1986, Gary Lawson, a Diamond Bar, California health care marketing consultant, his wife Yvonne Lawson, M.D., a board certified Family Practitioner, Jacob Rispler, M.D., a nationally renowned dermatologist, Edward Yagoobian, D.P.M., a Los Angeles based podiatrist, Samuel Gendler, M.D., Medical Director of the Orange County based American Breast Center, and Perry Maloff, M.D., a board certified phychiatrist, announced the start-up of the National Association To Stop HMOs.

The National Association To Stop HMOs (NATSHMOs) is a conservative organization focused on educating the general public and professionals as to the benefits of maintaining the traditional physician-patient medical service model.

Dr Yagoobian said, "HMOs are taking the nation by storm. The National Association To Stop HMOs has been designed as a vehicle to provide mass pro-traditional medicine advertising and legislative lobbying."

Dr. Rispler said, "United, concerned professionals have an excellent chance at competing with the insurance companies and mega-corporate medical holding companies who are starting these HMOs."

Dr. Rispler continued, "Divided, non-HMO private practice physicians, mental health clinicians, clinics and hospitals will predictably continue to lose market share until they no longer can afford to be in business. In closed panel HMOs, specialists will be the first ones to go."

Lawson said, "In nearly every health care and general interest journal, there are many conflicting predictions related to the new health care delivery systems — HMOs, IPAs, & PPOs, etc. — which concerns the general public and health care professionals. All the predictions have one thing in common: traditional fee-for-service medicine is rapidly declining and other forms of medicine are taking its place. Medicine is changing so rapidly that even medical experts have a hard time understanding what is happening. Thus the general public remains almost totally uninformed about their medical choices."

Through advertising and public relations methodologies seventy percent of every NATSHMOs membership dollar is budgeted for educating the public as to their choices for medical care. Another fifteen percent of each dollar is budgeted for legislative lobbying.

Dr Gendler said, "Money savings is, of course, an important factor when decisions are made related to health care. The NATSHMOs will inform and educate Americans as to what they give up when they or the companies they work for opt to save money by utilizing pre-paid medicine. To make an informed decision people need to hear both sides. NATSHMOs has been started to promote traditional fee-for-service medicine."

Dr. Lawson said, "There are good and bad HMOs just like there are good and bad private practitoners. As a matter of fact, many friends who I consider excellent physicians work for HMOs. The HMO concept, however, has similarities to socialized medicine and I don't think Americans are ready to give up their freedom of choice nor the traditional standards of quality of care when it comes to personal and family health care."

There are five categories of cumulative Association memberships:

1. Copper: $5 or more receives a membership card and a quarterly newsletter.
2. Bronze: $50 or more receives a certificate and a no-cost membership in the Association's national speakers bureau.
3. Silver: $150 or more receives an Association plaque, listed in the nationally publicized directory and in the Association newsletter with name, address and reason for joining (if membership is not confidential), and 10% discount on all Association functions and products.
4. Gold: $275 or more receives an additional 10% discount on all Association functions and products; voting privileges; chairperson availability; and, if requested, listed as a traditional health care professional on the Association's 1-800 referral line.
5. Corporate: $450 or more receives two Gold Memberships.

Regional and local chapters are being formed and the first national conference is scheduled to be held in Los Angeles in October 1987.

Dr. Maloff said, "I stress the absolute need for maintaining continuity of care through traditional proven systems of health care delivery. If the spread of HMOs can be slowed or stopped, it will take educating the general public and professionals, and the time to disseminate information is now. Any one interested in maintaining traditional medicine and stopping the spread of capitation in medical services is eligible for membership."

For membership information call The National Association To Stop HMOs at 714/595-3914 or write to NATSHMOs, 3333 Brea Canyon Rd., Suite 222, Diamond Bar, CA 91765. If requested, memberships will be kept strictly confidential.

Gary Lawson
NATSHMOs
Diamond Bar, CA 91765

Information Concerning Suboptimal Response to Hepatitis B Vaccine

To the Editor:

Members of the health profession are at increased risk, compared to the general population, of developing hepatitis B. Recently, a vaccine has been developed which confers immunity to hepatitis B, as measured by the hepatitis B surface antibody. Members of the health profession, working in direct contact with patients or with patient body fluids, are encouraged to have the three-injection

series in order to develop immunity to this debilitating disease. Unfortunately, the vaccine is only effective if the recipient of the vaccine subsequently develops hepatitis B surface antibody. In various studies, only 80-95% of recipients developed immunity following three doses of vaccine.[1,2] Data suggest that administration via the deltoid muscle route may result in a higher seroconversion rate than administration into the buttocks. This is possibly because of an increased likelihood of deposition of vaccine into buttock adipose tissue rather than muscle.[3,4] In addition, it should be noted that freezing destroys the potency of this vaccine. Vaccine should be stored at 2° C to 8° C (36° F to 46° F).[5]

Twenty-five local members of the dental profession received three hepatitis B vaccine injections via deep intramuscular injections into the gluteal region. It is not known whether any of this vaccine was frozen during storage. Because of concern about lack of seroconversion, follow-up blood specimens were drawn during a four-month period after vaccination was completed. No prevaccination hepatitis B antibody levels were available. Of the twenty-five recipients, there were seven negative seroconversions. It is recommended that non-converters receive two additional booster injections approximately one month apart, then be evaluated for seroconversion to confirm immunity. Requests for additional vaccine should be made to Merck Sharp and Dohme, West Point, Pennsylvania 19486. Enclosed, with a return address, should be laboratory results confirming lack of seroconversion. Individuals failing to respond to the second series should be considered non-responders and will not be provided additional vaccine. Immunity probably should be re-evaluated every several years.[3-5] A single booster dose may be required to maintain immunity at that time.

Our results confirm a significant problem about which the health community may be unaware. In a large series of vaccinations, it is likely that many individuals will not acquire immunity to hepatitis B, yet assume immunity has been conferred. Therefore, it would seem prudent for those receiving hepatitis B vaccine to be evaluated for seroconversion within several months following vaccination and probably every three to five years thereafter. Injections should be administered in the arm and care must be provided during storage to assure freezing of the vaccine has not occurred.

Robert A. Herrin, D.D.S., M.S., M.D.
1628 East Morehead St.
Charlotte 28207
Jarred N. Schwartz, M.D., Ph.D.
Chairman, Department of Pathology
Presbyterian Hospital
Charlotte 28207

References

1. Francis DP, Hadler SC, Thompson SE, et al. The prevention of hepatitis B with vaccine — Report of the Centers for Disease Control Multi-Center Efficacy Trial Among Homosexual Men. Annals Int Med 1982;97:362-6
2. Szmuness W, Stevens CE, Harley EJ, et al. Hepatitis B vaccine demonstration of efficacy in a controlled clinical trial in a high risk population in the United States. N Engl J Med 1980;303:833-41.
3. CDC. General recommendations on immunization. MMWR 1983;32:1-16.
4. CDC. Suboptimal response to hepatitis B vaccine given by injection into the buttock. MMWR 1985;34:105-13.
5. McLean AA, Shaw R, Jr. Hepatitis B vaccine (Letter). Ann Intern Med 1982;97:451.

A Call for Information

To the Editor:

I would be extremely grateful if you would publish the following request for information:

For a book to be entitled *Bringing Medicine to the Masses*, I am trying to locate any surviving medical or health-related motion pictures produced prior to 1928. I am particularly interested in finding films made for lay audiences, on such topics as hygiene, nutrition, TB, VD, child care, eugenics, etc. I would also appreciate hearing from anyone who remembers seeing such films in school, in the Army, or in theaters, before 1928; and from anyone who knows of specific references to such films in published or unpublished literature and documents from the pre-1928 period.

Martin S. Pernick
Associate Professor
Department of History
The University of Michigan
Ann Arbor, MI 48109

In Memoriam

William Augustus Anthony

Gastonia physician and former chief of staff of Gaston Memorial Hospital, William Augustus (Gus) Anthony, died on June 6, 1986. He practiced medicine in Gastonia from 1929 until his retirement in the early 1970s.

Dr. Anthony will be remembered by all who knew him for his unflagging support of young doctors, for his role in the progression of the medical profession in the area, and for his greatest accomplishment — the good health of thousands of people.

Dr. Anthony was educated in Gastonia schools and attended the Medical College of Virginia, where he graduated in 1929. In 1937, he continued his studies in cardiology at Harvard University.

At Gastonia Memorial Hospital, Dr. Anthony initiated the departments of cardiac care, pathology, radiology, and urology. He also was instrumental in chaplains becoming a part of the hospital.

Dr. Anthony was past president of the Gaston County Medical Society, a fellow in the American College of Cardiology, and a member of the N.C. Society of Internal Medicine.

John B. Garrett, Jr., M.D.
Secretary/Treasurer
Gaston County Medical Society

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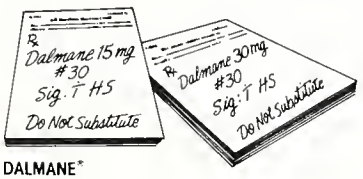
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The Official Journal of the NORTH CAROLINA MEDICAL SOCIETY November 1986, Volume 47, Number 11

Dermatobia Hominis: An Unwelcome Visitor to North Carolina

This human botfly larva hitched a ride

David L. Kaplan, M.D.

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1987 Midwinter Conference
February 6, Raleigh

1 + 1 ≠ 2

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SPECIAL ARTICLE

Significant Actions of the American Medical Association House of Delegates, June 1986

James E. Davis, M.D.

THE House of Delegates of the American Medical Association continues to grow in size and stature. Just a few years ago, there were fewer than 300 delegates; the House now seats 391 delegates. Of this number, 313 represent state medical associations, 69 represent national medical specialty societies, and 9 delegates come from sections and military services (medical students, medical schools faculty, resident physicians, hospital medical staffs, and personnel from the Army, Navy, Air Force, United States Public Health Service, and Veterans Administration).

Of the more than 200 items of business introduced into the House through Resolutions and Reports in 1986, the following are among the most important.

I. Financing Health Care for the Elderly

The House adopted a comprehensive proposal to replace the existing federal Medicare program with a new program to finance health care for the elderly. All evidence points to the Medicare program's imminent bankruptcy and the expectation that by the late 1990s Part A will be totally exhausted unless drastic changes are made. This innovative program would be fiscally sound and pre-funded, eliminating the problem of the working young providing for the elderly. It would provide comprehensive protection, including catastrophic coverage. It would have differing levels of beneficiary cost-sharing based on ability to pay, with a "means test" recommended so that those elderly able to pay for part or all of their health care would receive lesser benefits. It would ensure free choice among competing health plans providing specified adequate benefits; for example, each beneficiary might receive an annual voucher. It would increase the age of eligibility for Medicare from 65 years of age to 67 years of age, by increasing the age of eligibility by three months every year for eight years. Lastly, it would assure access to high-quality health care for the elderly.

II. Competition in Medicine

The House adopted two reports that review AMA initiatives to help physicians remain competitive in their practices.

One report recommended against the development of a national alternative delivery system because of possible conflict with the AMA's mission, severe financial risks to the AMA, and potential adverse internal political ramifications.

The second report described new and expanded AMA activities designed to enhance the competitive posture of its members, including: analyzing existing and emerging delivery and financing systems; serving as an information clearing house for physicians and medical societies; providing contract assistance services; providing statistical reports to physicians for any geographic area, through the AMA Market Area Profile Service (MAPS); helping physicians to find suitable practice opportunities through the AMA Physician Placement Service; bringing physicians timely and useful information through teleconferencing on such topics as practice development, socioeconomics, continuing medical education, risk management, and policy and political efforts of the AMA.

III. Professional Liability

There was extended discussion by the House of a number of items addressing the professional liability and insurance crisis.

A report of the Special Task Force on Professional Liability detailed the continuing activities of the Association, including the following.

An update on federal legislation. The AMA bill of incentive legislation, introduced by Senator Hatch of Utah, now has eight co-sponsors in the U.S. Senate, and a companion bill in the U.S. House of Representatives has 38 co-sponsors. At the same time, the AMA is working to improve risk management programs throughout the country, to assist physicians in avoiding claims and suits.

The Association is also working to strengthen the profession's ability to discipline physicians, and it is strongly supporting the Wynan Bill in the House of Representatives which would grant immunity from prosecution to physicians who work in the area of peer review and physician discipline.

Consideration of its alternative and traditional tort reform activities. In the professional and general liability areas, the AMA has forged numerous professional-business-industry coalitions.

From Suite 402, 2609 N. Duke Street, Durham 27704.

IV. Advertising of Alcoholic Beverages

The issue that attracted most media attention was the Association's report dealing with alcohol advertising, counter-advertising, and depiction in the public media. This report called for additional research, discontinuation of alcohol advertising directed toward youths, elimination of television programs depicting irresponsible use of alcohol without showing its adverse consequences, additional health educational labels on all alcoholic beverage containers, and encouragement of the alcoholic beverage industry to accurately label all product containers as to ingredients, preservatives, and ethanol content.

This report is being compared to the AMA's efforts a year ago against tobacco advertising. However, there is an important difference in that alcohol does have medicinal uses, while tobacco has none.

The issue of banning advertisement of such products as tobacco and alcohol has drawn fire from some who contend that such bans would violate First Amendment protection. Interestingly, in July, after the AMA Annual Meeting, the U.S. Supreme Court ruled five to four that a Puerto Rico ban on gambling advertisement does not violate the First Amendment protection for commercial speech. This opinion, written by Justice William Rehnquist, suggests broadly that states may be free to ban advertising of other "harmful" products, such as liquor, prostitution, and tobacco. Justice Rehnquist noted that if it is constitutional for a state to ban the sale of a harmful product, the state also may take the less onerous step of banning or restricting advertising for the product. This ruling appears to be very supportive of the AMA position that such advertising can be banned constitutionally.

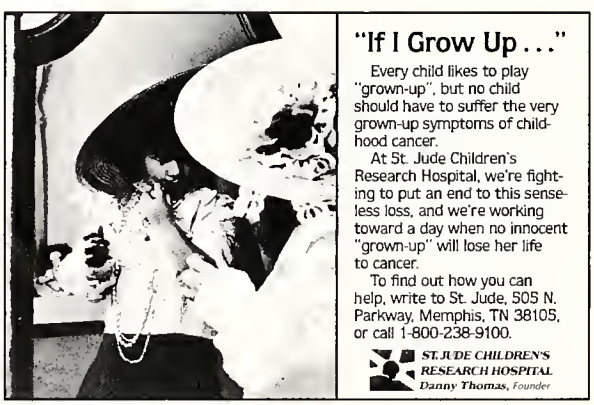
V. Issues Relating to the Profession

The House considered several issues relating directly to the profession. They retained dues for 1987 at the 1986 level, and they seated for the first time in the House of Delegates the following national specialty associations: American Academy of Child Psychiatry; American Pediatric Surgical Association; and Renal Physicians Association. Five other national specialty organizations were denied seats in the House of Delegates. The House imposed a moratorium on election of additional specialty organizations until the Board of Trustees clarifies the current requirements and reports back to the House.

The House also established a new Young Physicians Section for physicians who have completed their residency but have not attained the age of 40 years. The House called upon state and county medical associations to establish similar sections, to ease and expedite the entrance and participation of physicians of this age group — who have unique professional and personal needs — in organized medicine.

As always, the 1986 Annual Meeting was a very lively, active and significant session in which much was accomplished. The members of the North Carolina Delegation consistently stay in the forefront of AMA activities, providing valuable service in a wide spectrum of activities and serving their constituency — the physicians of North Carolina and of the entire nation — extremely well.

• *The members of the North Carolina Delegation have announced the candidacy of Dr. Davis for the 1987-88 office of President-Elect of the AMA. Dr. Davis was reelected Speaker of the AMA at this June meeting.*



EDITORIAL

Sobering Thoughts

Takey Crist, M.D., Paul Williams, M.D., Russell Barnes, M.D., H. William O'Neil, M.D.

THOSE of us committed to taking care of women need to evaluate what is happening and what might happen with respect to our ability to provide contraceptive and family planning advice to our patients.

As physicians, we must appreciate the impact of the recent decision by G.D. Searle, Inc., and Ortho Pharmaceutical to discontinue the marketing of intrauterine contraceptive devices (IUDs) in the United States.

First, it means that the two and a half million American women who use this method of birth control will no longer have access to it. As a result, there will be more unintended pregnancies, greater numbers of abortions, and earlier sterilization in young adults.

Except for the "pill," currently available methods of contraception are relatively unreliable. These include the diaphragm, spermatocides, sponges, condoms, and natural family planning. The failure rates are 10% to 20% for mechanical methods and 25% for natural family planning.[1,2]

Of the six million pregnancies likely to occur this year in the United States, about one-half will be unplanned and about 24% will end in abortion. About half a million teenagers will become pregnant, most of the pregnancies ending in abortion.

It seems paradoxical that our government labels tobacco a "poison," yet spends five hundred million dollars a year to support the tobacco industry. The inconsistency is explained by the fact that both the pro- and anti-tobacco groups are politically powerful. There is no ambiguity, however, in our present government's view of pregnancy. It supports anti-abortion programs, is against sex education, wants further cuts in aid to dependent mothers, and spends less than 20 million dollars a year on contraceptive research and development. This is because the most influential of the political forces surrounding the issue of pregnancy comes from one side.

The major forces pushing the administration are a combination of the Catholic Church and extreme right-wing politicians. To the dismay of many North Carolinians, the leader is Senator Jesse Helms of our state. The political mixture they have concocted has been characterized[3] as anti-abortion, anti-Equal Rights Amendment, pro-school prayer, anti-domestic family planning, anti-national population assistance, pro-tuition tax credits, anti-environmental protection, anti-sex education, anti-United Nations, pro-illegal immigration (especially from Catholic countries), anti-federal aid to public education, anti-gay rights, anti-separation of church and state, and anti-communist.

From 200 Memorial Drive, Jacksonville 28540.

Senator Jesse Helms, Protestant senior senator from North Carolina, has served well as "Dean of the New Right" and has received massive Catholic support — financial, organizational, and advisory — in his 1978 and 1984 reelection campaigns. Stephen D. Mumford documents this well in his book, *American Democracy and the Vatican*.[4] He points out that "the biggest winner of all has been Senator Jesse Helms of North Carolina.... There is little doubt that Helms is the Vatican's most important ally in Congress and, precisely because he is not Catholic, the most important of all to their agenda. No one has had greater access to the 'hidden' money of the Catholic Church of which Father Bryce spoke. Helms is Baptist, but Congressional Club Founder and Helm's Campaign Strategist since 1972, Thomas F. Ellis, is Catholic. Helms gained much of his fame for his ability to tie up the Senate with its own rules; however, it is his Legislative Aide, James P. Lucier, a Catholic, who mastered the rules and devised the strategies to accomplish this. The 'Helms Amendment' barred the use of U. S. Agency for International Development funds for assistance to programs providing abortions. It carried the name of a Protestant, but was written by a Catholic, John Sullivan."

During the past 20 years we have become conscious of the effects of the population explosion.[5] As physicians dedicated to caring for women, we have made great strides in family planning, but now most of the solid foundation laid down in our state during the 1960s and 1970s by the Carolina Population Center, Planned Parenthood, and other fertility control programs is being crippled by our government, the fundamentalists, the Catholic hierarchy, and our litigious society. These forces working together are destroying our patients' rights to reproductive freedom.

Those of us who are entrusted with the care of women must act now and voice our opinions to responsible leaders. We must rid our government of those who would force their religious and moral beliefs on all women, including those who deserve and desire safe, legal and unhindered access to safer methods of birth control. We must also replace the politicians who impede provision of the kind of medicine that helps patients choose planned and intended pregnancies. After all, the future of these patients is the future of our country and society.

References

1. Crist T. Ob-Gyn News 1980;15:6-7.
2. Wade and others. Am J OBG 1979;134:628.
3. Mumford S. The Pope and the new apocalypse, the holy war against family planning. Research Triangle Park, NC: Center for Research on Population and Security, 1986.
4. Mumford S. American democracy and the Vatican: population growth and national security. Amherst, NY: Humanest Press, 1984.
5. Graham JB. The "population expolsion" and North Carolina's response. NCMJ 1968;29:41-51.

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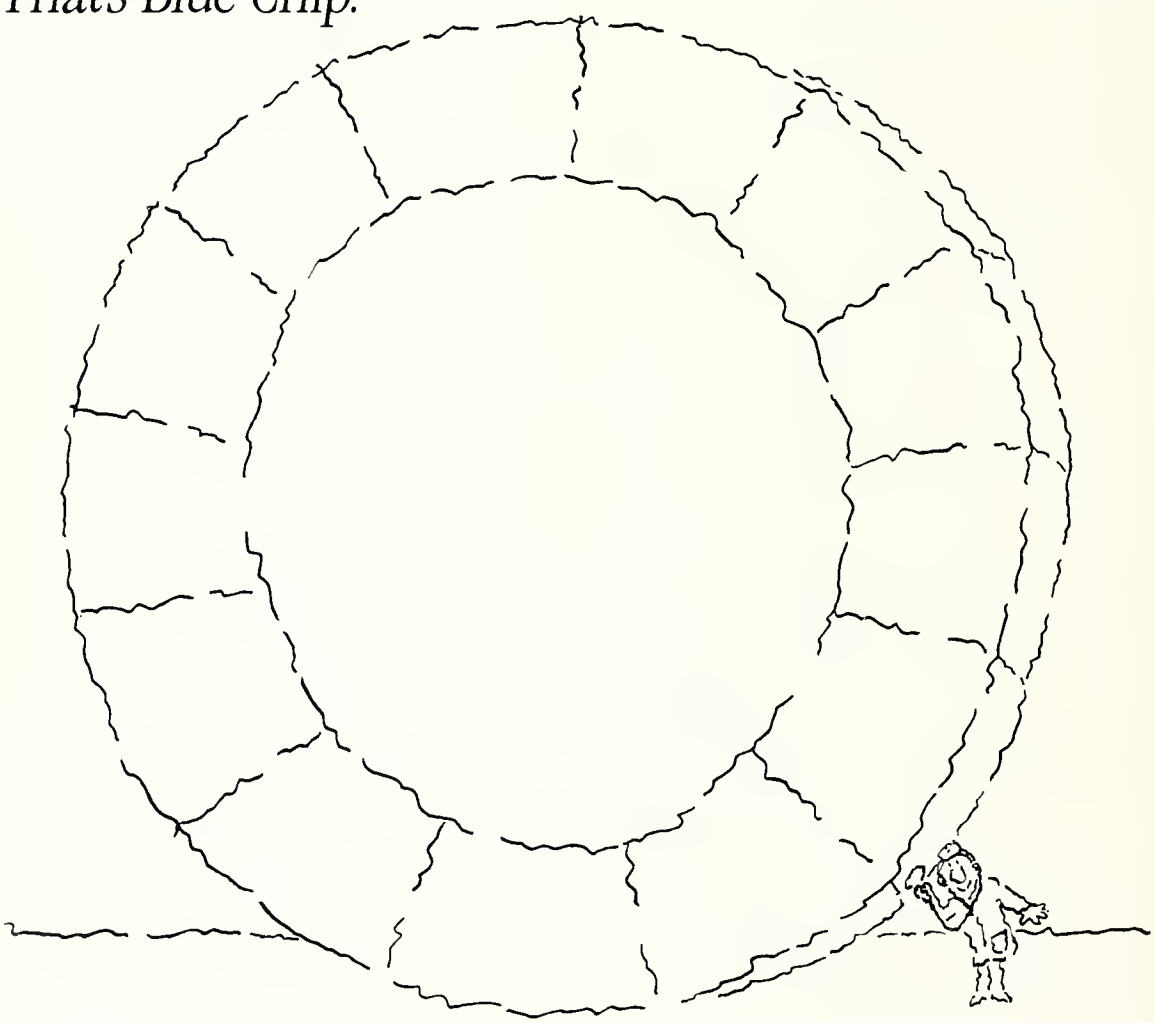
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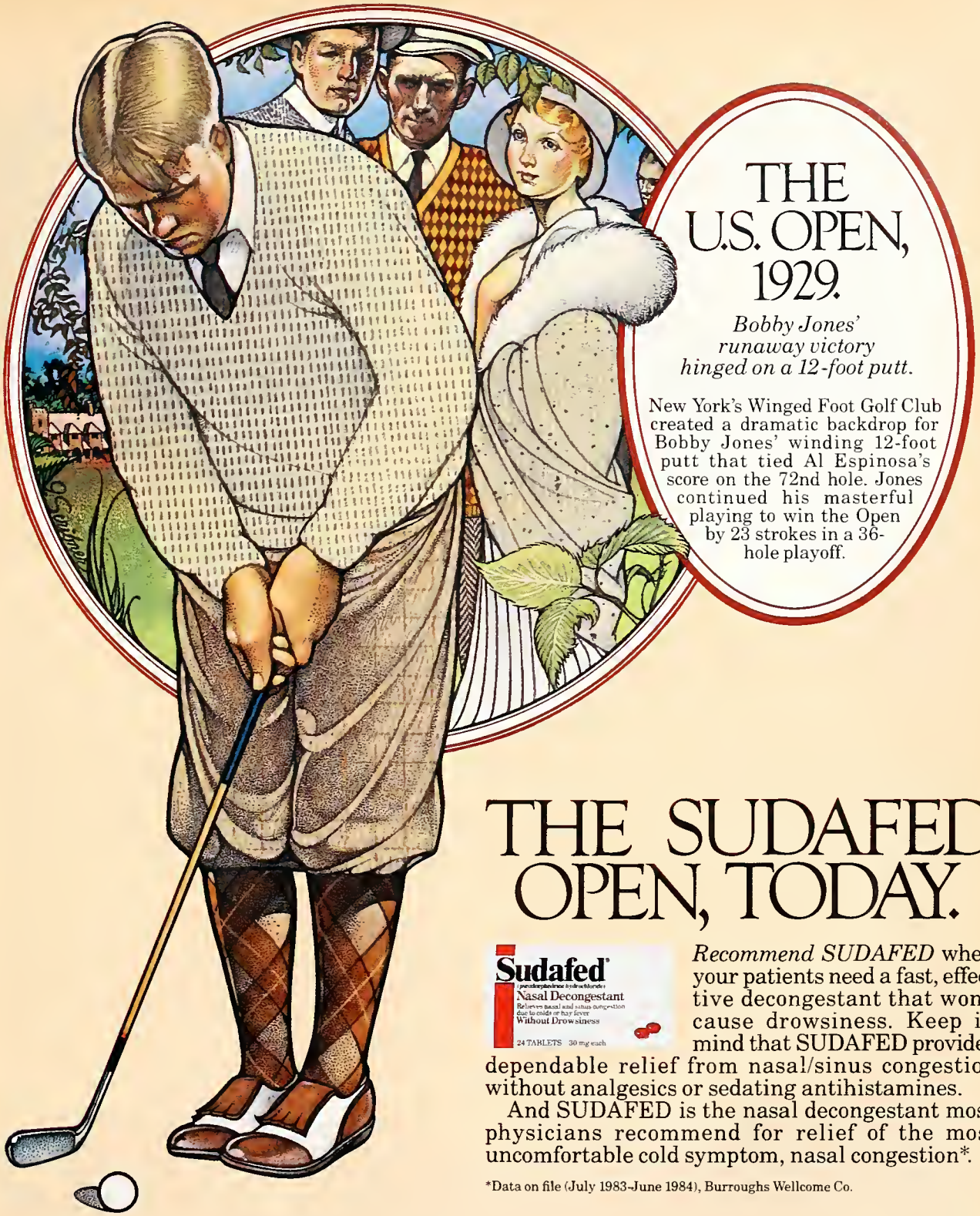
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SCIENTIFIC ARTICLE

Dermatobia Hominis: An Unwelcome Visitor to North Carolina

David L. Kaplan, M.D.

• *Cutaneous myiasis is a condition caused by infestation of the skin by larval flies to complete their life cycle.* Dermatobia hominis *(human botfly), one such myiasis-producing fly, has never been found in the United States except in larval forms, recovered from cutaneous lesions on human hosts who have returned from visits to endemic regions.*

A 61-year-old Duke University professor visited Costa Rica for one month as part of a scientific expedition. Much of the expedition was outdoors and he received numerous insect bites. During his second week in Costa Rica, he noticed two insect bites, one on his right arm and one on his right thigh, that did not heal.

After his return to the United States the lesions continued to grow slowly; he sought medical attention six weeks after he first noted the lesions. He complained of local pruritis, occasional sharp pain, and the sensation of something moving under his skin at the site of the lesions. Physical examination revealed two erythematous furuncular nodules located on the dorsum of the right forearm and the lateral aspect of the right thigh (figure 1). The lesions measured 20 and 15 mm respectively, and each had a single 1 mm pore. Upon close observation, movement could be detected at the pore opening.

Both lesions were anesthetized with xylocaine, then unroofed with a 4 mm punch biopsy revealing a single cylindroid larva in each lesion (figure 2). The larvae were removed with forceps and the lesions healed within one week without incident. The larvae were subsequently identified as Dermatobia hominis or the human botfly (figures 3-4, facing page).

From the Division of Dermatology, Department of Medicine, Duke University Medical Center, Durham 27710. Photographs by Scott Dobihal, Susan Embry, and Steve Conlon, Department of Pathology. Photography Duke University Medical Center.

The Fly

Myiasis is due to the infestation of human tissue by the larvae of higher flies (Cyclorrhapha). These dipterous (two-winged) flies exhibit three patterns of myiasis dependency — obligatory, facultative, and accidental.[1] Obligatory myiasis occurs with flies that require the rich nutrient environment of living animal tissue for larval development. Facultative myiasis occurs with flies that have less stringent requirements for larval development, allowing growth in decaying animal or vegetable material, excrement, or necrotic tissue. Accidental myiasis refers to instances where larvae are ingested, not killed in the intestine, and develop further internally.

The human botfly (bot means maggot) is indigenous to Mexico, Central America, and South America. The insect is found in fringe jungle areas, wooded tracts along lowland river streams, and coastal zones, where it parasitizes a number of birds as well as domesticated and wild mammals.[2]

The adult fly is 12 to 18 mm long with a yellow head, yellow legs, dull blue-grey thorax, and a metallic blue



Figure 1. *Right thigh lesion.*

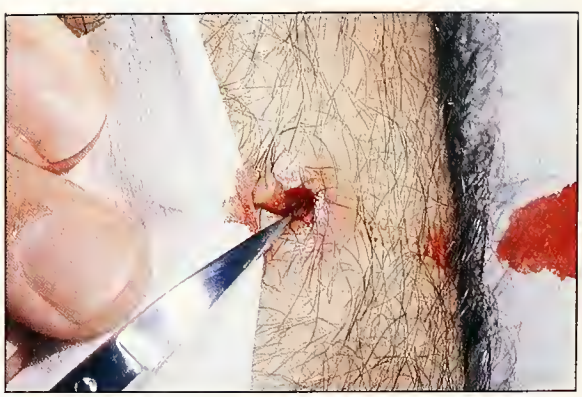


Figure 2. *Unroofed lesion with caudal end of larva.*

Figure 3a/3b. *Botfly Larva.*



From right forearm, ventral view (x3).



From right forearm, dorsal view (x3).

abdomen.[3] Mating by adult female and male flies results in the production of 100 to 200 eggs by the female.

The adult botfly is unique in that it never comes into contact with its host. It uses an unusual method of delivering its eggs known as phoresis.[1] The gravid adult female captures a biting arthropod such as a mosquito (genus Stomoxys or Siphona) and deposits between 10 and 50 eggs on the ventral surface of the captured insect. This process is repeated 20 to 30 times. The eggs do not interfere with the captured insect's ability to fly, land, or feed.

Approximately 5 to 15 days after the deposition of the eggs, the embryos are ready to emerge. When the transporting insect lands on an appropriate host, the heat or scent stimulates the larvae to emerge from their eggs and drop onto the skin. The larvae may enter through the wound made by the sting of the transporting insect, through some other superficial wound, or through a hair follicle. This usually occurs within one hour, although larvae that do not immediately penetrate the host can survive up to 20 days on the exposed skin.

Each larva that has penetrated the dermis produces a single slightly raised erythematous nodule with a central pore. It feeds and grows on the serous exudate produced by the host. Larval development requires 6 to 12 weeks during which the larva undergoes two or three moltings until it develops a cylindroid shape 18 to 24 mm long. Around its circumference, the mature larva has between two and six transverse rows of dark barbed processes that are angulated caudally to prevent a premature withdrawal. At the caudal tip the larva has a spiracle which communicates with the patent punctum of the wound for respiration.

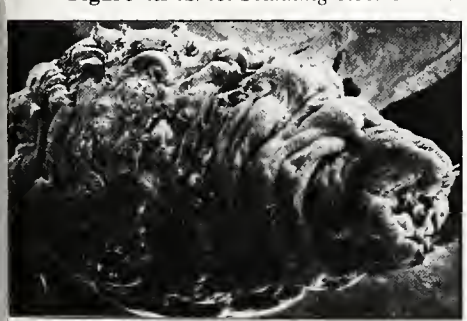
Upon maturity, the larva works its way out of the skin, falls to the ground and pupates in the soil. After 14 to 24 days, the adult fly emerges to mate and resume the cycle. Its mouth parts are nonfunctional; after mating and oviposting, it soon dies.

Host and Parasite

Clinically, the cutaneous larval invasion is manifested as a furuncular erythematous nodule with a patent punctum. Movement of the larval spiracle may be observed at the punctum. Serous, serosanguinous, or seropurulent exudate generally flows from the punctum. The lesions are found on exposed surfaces, although cases of invasion of spermatic cord, penis, or brain have been reported.[4-6] Symptoms are minor and the course is self-limited unless vital structures have been invaded.[6]

Distinguishing the different etiologies of furuncular myiasis can be accomplished by noting the patient's travel history and the clinical presentation.[5] The African tumbu fly (Cordylobia anthropophaga) is found in Central Africa and leaves its host after eight to nine days in the dermis. The rodent and rabbit botflies (Cuterebra spp.) are found in North America and leave their host after three to five

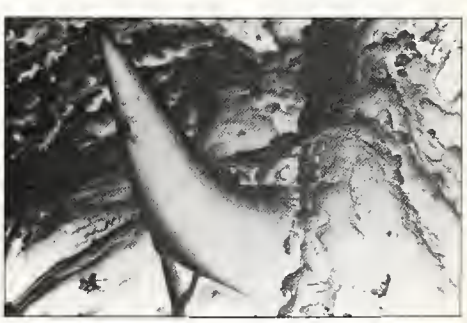
Figure 4a/4b/4c. *Scanning electron microscopy of larva.*



From right thigh (x44).



From right thigh, view of posterior spiracle (x100).



From right thigh, view of barb (x1200).

weeks. The horse botfly (Gasterophilus spp.) and the cattle botfly (Hypoderma bovis) typically produce a furuncle but the larva migrates a few centimeters from the portal of entry. The oriental or Ethiopian fly (Chrysomyia bezziana) is found in Asia and Africa and leaves its host after eight to nine days. The screwworm (Cochliomyia hominivorax) of the southwestern United States tends to form deep scarring lesions. The Old World fly (Wohlfahrtia magnifica) is found in the Near East or Russia and also produces deep scarring lesions. The New World flesh fly is found in the northern latitudes of North America and invades the superficial layers of infants' skin, being unable to penetrate thicker (adult) skin, or to invade it deeply.

Treatment

Several ingenious treatments have been used, all with the effect of suffocating the larva in the skin.[3] Tobacco juice or ashes applied to the surface of the lesion kills the larva, allowing easier extraction by gentle squeezing. Pork fat cut in strips and tightly applied over the furuncle forces migration of the larva out of the skin and into the pork over a 24- to 48-hour period. Beeswax, chewing gum, vaseline or other occlusive material achieve a similar effect. Freezing the lesion with an ethyl chloride spray results in easy removal.

In our patient's case we injected a local anesthetic, then exposed the larva by surgical incision. Once the organism is removed, the wound spontaneously heals in one to seven days.

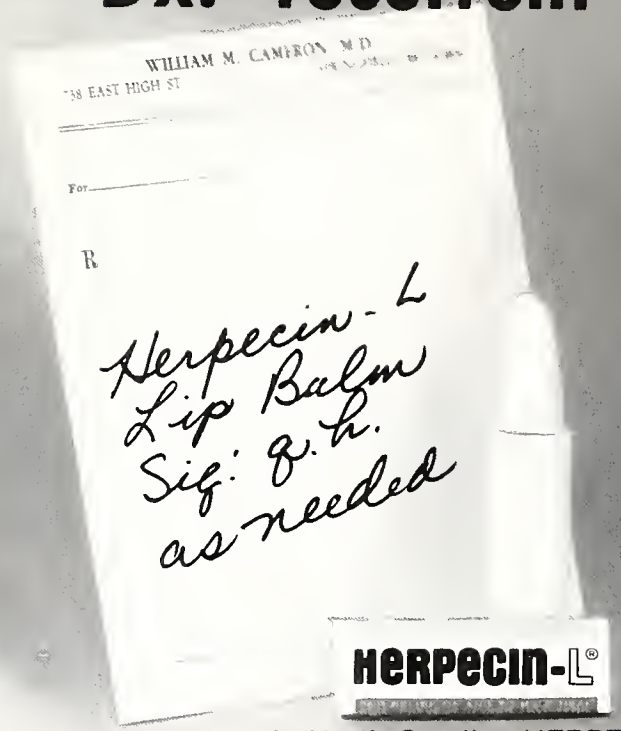
Acknowledgement

I wish to thank Richard C. Axtell, Ph.D., of North Carolina State University, for identifying the larva.

References

1. Warren KS, Mahmoud AAF. Tropical and geographical medicine. McGraw-Hill, 1984, pp. 500-3.
2. Iannini PB, Brandt D, LaForce M. Furuncular myiasis. JAMA 1975;233:1375-6.
3. Rosen JJ, Neuberger D. Myiasis dermatobia hominis Linn, report of a case and review of the literature. Cutis 1977;19:63-6.
4. Harrel WB, Moseley V. The surgical treatment of subdermal myiasis due to dermatobia hominis. South Med J 1942;35:720-3.
5. Kleeman FJ. Dermatobia hominis comes to Boston. N Engl J Med 1983;308:847-8.
6. Dunn LH. Prevalence and importance of the tropical warble fly. Dermatobia hominis Linn in Panama. J Parasit 1934;20:219-26.

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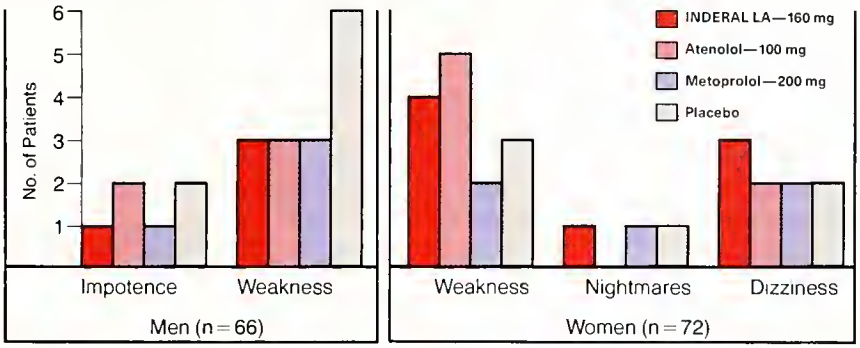
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CONTRAINDICATIONS

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Hydrochlorothiazide: Hydrochlorothiazide is contraindicated in patients with anuria or hypersensitivity to this or other sulfonamide-derived drugs.

WARNINGS

Propranolol hydrochloride (INDERAL® LA): CARDIAC FAILURE. Sympathetic stimulation may be a vital component supporting circulatory function in patients with congestive heart failure, and its inhibition by beta blockade may precipitate more severe failure. Although beta blockers should be avoided in overt congestive heart failure, if necessary, they can be used with close follow-up in patients with a history of failure who are well compensated, and are receiving digitalis and diuretics. Beta-adrenergic blocking agents do not abolish the inotropic action of digitalis on heart muscle.

IN PATIENTS WITHOUT A HISTORY OF HEART FAILURE, continued use of beta blockers can, in some cases, lead to cardiac failure. Therefore, at the first sign or symptom of heart failure, the patient should be digitalized and/or treated with diuretics, and the response observed closely, or propranolol should be discontinued (gradually, if possible).

IN PATIENTS WITH ANGINA PECTORIS, there have been reports of exacerbation of angina and, in some cases, myocardial infarction following *abrupt* discontinuance of propranolol therapy. Therefore, when discontinuance of propranolol is planned the dosage should be gradually reduced and the patient carefully monitored. In addition, when propranolol is prescribed for angina pectoris, the patient should be cautioned against interruption or cessation of therapy without the physician's advice. If propranolol therapy is interrupted and exacerbation of angina occurs, it usually is advisable to reinstitute propranolol therapy and take other measures appropriate for the management of unstable angina pectoris. Since coronary artery disease may be unrecognized, it may be prudent to follow the above advice in patients considered at risk of having occult atherosclerotic heart disease who are given propranolol for other indications.

THYROTOXICOSIS: Beta blockade may mask certain clinical signs of hyperthyroidism. Therefore, abrupt withdrawal of propranolol may be followed by an exacerbation of symptoms of hyperthyroidism, including thyroid storm. Propranolol does not distort thyroid function tests.

IN PATIENTS WITH WOLFF-PARKINSON-WHITE SYNDROME, several cases have been reported in which, after propranolol, the tachycardia was replaced by a severe bradycardia requiring a demand pacemaker. In one case this resulted after an initial dose of 5 mg propranolol.

MAJOR SURGERY. The necessity or desirability of withdrawal of beta-blocking therapy prior to major surgery is controversial. It should be noted, however, that the impaired ability of the heart to respond to reflex adrenergic stimuli may augment the risks of general anesthesia and surgical procedures.

Nonallergic Bronchospasm (eg, chronic bronchitis, emphysema)— PATIENTS WITH BRONCHOSPASTIC DISEASES SHOULD, IN GENERAL, NOT RECEIVE BETA BLOCKERS. INDERAL should be administered with caution, since it may block bronchodilation produced by endogenous and exogenous catecholamine stimulation of beta receptors.

DIABETES AND HYPOGLYCEMIA. Beta-adrenergic blockade may prevent the appearance of certain premonitory signs and symptoms (pulse rate and pressure changes) of acute hypoglycemia in labile insulin-dependent diabetes. In these patients, it may be more difficult to adjust the dosage of insulin. Hypoglycemic attacks may be accompanied by a precipitous elevation of blood pressure.

Hydrochlorothiazide: Thiazides should be used with caution in severe renal disease. In patients with renal disease, thiazides may precipitate azotemia. In patients with impaired renal function, cumulative effects of the drug may develop.

Thiazides should also be used with caution in patients with impaired hepatic function or progressive liver disease, since minor alterations of fluid and electrolyte balance may precipitate hepatic coma.

Thiazides may add to or potentiate the action of other antihypertensive drugs. Potentiation occurs with ganglionic or peripheral adrenergic-blocking drugs.

Sensitivity reactions may occur in patients with a history of allergy or bronchial asthma.

The possibility of exacerbation or activation of systemic lupus erythematosus has been reported.

PRECAUTIONS

Propranolol hydrochloride (INDERAL® LA): GENERAL. Propranolol should be used with caution in patients with impaired hepatic or renal function. Propranolol is not indicated for the treatment of hypertensive emergencies.

Beta-adrenoreceptor blockade can cause reduction of intraocular pressure. Patients should be told that propranolol may interfere with the glaucoma screening test. Withdrawal may lead to a return of increased intraocular pressure.

CLINICAL LABORATORY TESTS. Elevated blood urea levels in patients with severe heart disease, elevated serum transaminase, alkaline phosphatase, lactate dehydrogenase.

DRUG INTERACTIONS. Patients receiving catecholamine-depleting drugs, such as reserpine, should be closely observed if propranolol is administered. The added catecholamine-blocking action may produce an excessive reduction of resting sympathetic nervous activity, which may result in hypotension, marked bradycardia, vertigo, syncopal attacks, or orthostatic hypotension.

CARCINOGENESIS, MUTAGENESIS, IMPAIRMENT OF FERTILITY. Long-term studies in animals have been conducted to evaluate toxic effects and carcinogenic potential. In 18-month studies, in both rats and mice, employing doses up to 150 mg/kg/day, there was no evidence of significant drug-induced toxicity. There were no drug-related tumorigenic effects at any of the dosage levels. Reproductive studies in animals did not show any impairment of fertility that was attributable to the drug.

PREGNANCY. Pregnancy Category C. Propranolol has been shown to be embryotoxic in animal studies at doses about 10 times greater than the maximal recommended human dose. There are no adequate and well-controlled studies in pregnant women. Propranolol should be used during pregnancy only if the potential benefit justifies the potential risk to the fetus.

NURSING MOTHERS. Propranolol is excreted in human milk. Caution should be exercised when propranolol is administered to a nursing mother.

PEDIATRIC USE. Safety and effectiveness in children have not been established.

Hydrochlorothiazide: GENERAL. Periodic determination of serum electrolytes to detect possible electrolyte imbalance should be performed at appropriate intervals.

All patients receiving thiazide therapy should be observed for clinical signs of fluid or electrolyte imbalance, namely: Hyponatremia, hypochloremic alkalosis, and hypokalemia. Serum and urine electrolyte determinations are particularly important when the patient is vomiting excessively or receiving parenteral fluids. Medication such as digitalis may also influence serum electrolytes. Warning signs irrespective of cause are: Dryness of mouth, thirst, weakness, lethargy, drowsiness, restlessness, muscle pains or cramps, muscular fatigue, hypotension, oliguria, tachycardia, and gastrointestinal disturbances such as nausea and vomiting.

Hypokalemia may develop, especially with brisk diuresis, when severe cirrhosis is present, or during concomitant use of corticosteroids or ACTH.

Interference with adequate oral electrolyte intake will also contribute to hypokalemia. Hypokalemia can sensitize or exaggerate the response of the heart to the toxic effect of digitalis (eg, increased ventricular irritability). Hypokalemia may be avoided or treated by use of potassium supplements, such as foods with a high potassium content.

Any chloride deficit is generally mild and usually does not require specific treatment, except under extraordinary circumstances (as in liver or renal disease). Dilutional hyponatremia may occur in edematous patients in hot weather; appropriate therapy is water restriction, rather than administration of salt, except in rare instances when the hyponatremia is life-threatening. In actual salt depletion, appropriate replacement is the therapy of choice.

Hyperuricemia may occur or frank gout may be precipitated in certain patients receiving thiazide therapy.

Insulin requirements in diabetic patients may be increased, decreased, or unchanged. Diabetes mellitus which has been latent may become manifest during thiazide administration.

If progressive renal impairment becomes evident, consider withholding or discontinuing diuretic therapy.

Thiazides may decrease serum PBI levels without signs of thyroid disturbance.

Calcium excretion is decreased by thiazides. Pathologic changes in the parathyroid gland with hypercalcemia and hypophosphatemia have been observed in a few patients on prolonged thiazide therapy. The common complications of hyperparathyroidism, such as renal lithiasis, bone resorption, and peptic ulceration, have not been seen. Thiazides should be discontinued before carrying out tests for parathyroid function.

DRUG INTERACTIONS. Thiazide drugs may increase the responsiveness to tubocurarine.

The antihypertensive effects of thiazides may be enhanced in the postsympathectomy patient. Thiazides may decrease arterial responsiveness to norepinephrine. This diminution is not sufficient to preclude effectiveness of the pressor agent for therapeutic use.

PREGNANCY. Pregnancy Category C. Thiazides cross the placental barrier and appear in cord blood. The use of thiazides in pregnancy requires that the anticipated benefit be weighed against possible hazards to the fetus. These hazards include fetal or neonatal jaundice, thrombocytopenia, and possibly other adverse reactions which have occurred in the adult.

NURSING MOTHERS. Thiazides appear in human milk. If use of the drug is deemed essential, the patient should stop nursing.

PEDIATRIC USE. Safety and effectiveness in children have not been established.

ADVERSE REACTIONS

Propranolol hydrochloride (INDERAL® LA): Most adverse effects have been mild and transient and have rarely required the withdrawal of therapy.

Cardiovascular: Bradycardia, congestive heart failure; intensification of AV block, hypotension, paresthesia of hands, thrombocytopenic purpura, arterial insufficiency, usually of the Raynaud type.

Central Nervous System: Lightheadedness; mental depression manifested by insomnia, lassitude, weakness, fatigue; reversible mental depression progressing to catatonia; visual disturbances, hallucinations, an acute reversible syndrome characterized by disorientation for time and place, short-term memory loss, emotional lability, slightly clouded sensorium; and decreased performance on neuropsychometrics.

Gastrointestinal: Nausea, vomiting, epigastric distress, abdominal cramping, diarrhea, constipation, mesenteric arterial thrombosis, ischemic colitis.

Allergic: Pharyngitis and agranulocytosis, erythematous rash; fever combined with aching and sore throat, laryngospasm and respiratory distress.

Respiratory: Bronchospasm.

Hematologic: Agranulocytosis; nonthrombocytopenic purpura; thrombocytopenic purpura.

Auto-Immune: In extremely rare instances, systemic lupus erythematosus has been reported.

Miscellaneous: Alopecia, LE-like reactions; psoriasiform rashes; dry eyes; male impotence, and Peyronie's disease have been reported rarely. Oculomucocutaneous reactions involving the skin, serous membranes, and conjunctivae reported for a beta blocker (practolol) have not been associated with propranolol.

Hydrochlorothiazide:

Gastrointestinal: Anorexia, gastric irritation, nausea, vomiting, cramping, diarrhea, constipation, jaundice (intrahepatic cholestatic jaundice), pancreatitis, sialadenitis.

Central Nervous System: Dizziness, vertigo; paresthesias; headache, xanthopsia.

Hematologic: Leukopenia, agranulocytosis, thrombocytopenia, aplastic anemia.

Cardiovascular: Orthostatic hypotension (may be aggravated by alcohol, barbiturates, or narcotics).

Hypersensitivity: Purpura, photosensitivity; rash, urticaria, necrotizing angiitis (vasculitis, cutaneous vasculitis), fever, respiratory distress, including pneumonitis, anaphylactic reactions.

Other: Hyperglycemia, glycosuria, hyperuricemia, muscle spasm, weakness, restlessness, transient blurred vision.

Whenever adverse reactions are moderate or severe, thiazide dosage should be reduced or therapy withdrawn.

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REFERENCE:

1. Ravid M, Lang R, Jutrin I: The relative antihypertensive potency of propranolol, oxprenolol, atenolol, and metoprolol given once daily. *Arch Intern Med* 1985;145:1321–1323.

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SCIENTIFIC ARTICLE

Transient Hypoadrenalism after Transsphenoidal Pituitary Surgery for Cushing's Disease May Not Predict Long-term Cure

Warner M. Burch, M.D., John Lai C. Ch'ng, M.D., Harry T. McPherson, M.D.

• *Transsphenoidal pituitary surgery has revolutionized our thoughts as to the etiology and treatment of Cushing's disease.*

IN transsphenoidal pituitary surgery for Cushing's disease, successful removal of an adenoma immediately cures the hypercortisolism, preserves pituitary function, and involves minimal morbidity. Although normal cortisol secretion and dexamethasone suppressibility following such surgery gives the impression of cure, recurrence of Cushing's disease may develop.[1] Transient secondary adrenal insufficiency after transsphenoidal pituitary surgery appears to be the best marker of surgical cure for a patient with Cushing's disease.[2] We recently cared for a patient whose case demonstrates that our current criterion for cure — transient hypoadrenalism — may not be as accurate a marker for long-term cure as we might hope.

An 18-year-old woman came to Duke University Medical Center in March, 1982, with secondary amenorrhea, a 9 kg weight gain, facial acne, and purplish striae. Cushing's disease was confirmed by elevated basal urine 17-hydroxycorticosteroids (14.2 mg/gm creatinine; normal, 2.0-6.5 mg/gm creatinine) that did not suppress with dexamethasone 2 mg/day (13 mg/gm creatinine), but did suppress with 8 mg/day (5.2 mg/gm creatinine). CT scan of the pituitary was normal. Transsphenoidal pituitary surgery was performed. A normal appearing pituitary was sectioned and a 3 mm area of softened discolored tissue was resected from the left lobe. The adenohypophysis was widely explored with no other evidence of tumor. The pathology showed fragments of tissue that contained lobules of homogenous acinar cells consistent with a pituitary adenoma. Transient diabetes insipidus developed postoperatively. She was discharged on cortisone acetate 37.5 mg/day. Within a month her cushingoid habitus nearly resolved and the cortisone was discontinued. She developed nausea, fatigue, and postural hypotension. Laboratory studies confirmed hypoadrenalism: plasma cortisol, 1.4 μg/dl; urine 17-hydroxycorticosteroids, 0.8 mg/gm; and urine-free cortisol 3 μg (normal, 5-35 μg/gm creatinine). Cortisone acetate was resumed and gradually tapered off over the next six months. Regular menses returned. Urine 17-hydroxycorticosteroids and free cortisol remained normal for two years. She was thought to be cured.

In the spring of 1985 she noted some facial fullness, irregular menses, and a few bruises over the lower extremities. Urine 17-hydroxycorticosteroids were again increased (14.7 mg/gm creatinine), failed to suppress with low dose dexathasone, and suppressed to 5.8 mg/gm creatinine with high dose dexamethasone. CT of pituitary was normal. Recurrent Cushing's disease was diagnosed. Bilateral adrenalectomy was elected as treatment for her hypercortisolism. Both adrenal glands appeared normal though enlarged (8 and 9 gms each). Histological sections showed expansion of the zona reticularis and glomerulosa areas.

In summary, this patient developed hypoadrenalism following transsphenoidal pituitary surgery, remained hypoadrenal for several months, then euadrenal for 2 years, followed by recurrent hypercortisolism. The question of recurrence based on corticotroph hyperplasia derived from intermediate lobe origin[3] versus in situ adenoma was addressed by staining the pituitary tissue obtained from the original surgery. Silver stain and Glees and Marsland stain failed to identify any neural elements suggesting that this tumor originated within the pituitary. We have used immediate postoperative hypoadrenalism as the primary criterion for surgical cure.[4] Although transient hypoadrenalism may indicate short-term cures, the experience with this patient makes us cautious about using this criterion to predict long-term success following transsphenoidal pituitary surgery for Cushing's disease. The potential for recurrence — that is, the underlying process which might have initiated adenoma growth — may remain, so lifelong surveillance for recurrent disease must continue.

From Duke University Medical Center, Box 3283, Durham 27710.

References

1. Pont A, Gutierrez-Hartman A. Cushing's disease: recurrence after a surgically induced remission. Arch Intern Med 1979;139:938.
2. Fitzgerald PA, Aron DC, Findling JW, et al. Cushing's disease: transient secondary adrenal insufficiency after selective removal of pituitary microadenomas; evidence for a pituitary origin. J Clin Endocrinol Metabol 1982;54:413.
3. Lamberts SWJ, de Lange SA, Stefanko SZ. Adrenocorticotropin-secreting pituitary adenomas originate from the anterior or the intermediate lobe in Cushing's disease: differences in regulation of hormone secretion. J Clin Endocrinol Metabol 1982;54:286.
4. Burch WM. Cushing's disease: a review. Arch Intern Med 1985;145:1106.

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SCIENTIFIC ARTICLE

1 + 1 ≠ 2

Jefferson M. Sommers, M.D. and Francis A. Neelon, M.D.

• *How a patient's seemingly innocent adjustment to his regimen led to dangerous excessive drinking (of water), hyponatremia, and severe brain dysfunction — and how he got better.*

"TALK to this patient for a few minutes and simply try to get a grasp of what's going on with him," the Instructor said. "And don't look at his chart at all," he added, further challenging me.

Not a very difficult task, I thought. As a fourth-year medical student I had been taking medical histories on patients for the past two years and felt fairly confident of my skills. In the Patient's room I found a sixtyish balding man, sitting up on the edge of his bed eating lunch. After introductions we began speaking about the reasons for his present hospitalization.

Earlier in the year his physician had found him to be hypothyroid with a low serum thyroxine *and* a low thyroid stimulating hormone (TSH) concentration. This was correctly interpreted as secondary hypothyroidism, and sella turcica destruction was confirmed by skull radiograph. A large chromophobe adenoma was partially removed; afterwards the patient was panhypopituitary and had postoperative diabetes insipidus. He was given a course of radiation therapy and overall had done well, taking the following replacement hormones: thyroxine, cortisone acetate, and synthetic antidiuretic hormone (DDAVP). Although his thinking was somewhat cloudy and speech slightly slurred, I ascertained that he had become nauseated four days prior to admission and had vomited numerous times. The day before admission he had become very somnolent and more and more disoriented.

The Patient's Wife entered the room.

Student: "I understand your husband was doing very well until four days prior to admission."

Wife: "Yes, that was when he got a bad case of hiccups. I gave him some water to try to rid him of them, but soon he became nauseated and started vomiting. I took him to our emergency room the next day and they gave him some medicine to help his nausea. That helped for a while, but soon he began vomiting again. I was scared he was getting dehydrated, so I gave him a lot of fluids."

S: "Did that help?"

W: "No, in fact he seemed to get worse. He began vomiting less, but he became groggy and slept nearly all the next day. Then the next morning I found him lying beside his bed on the floor as if he were in a daze. He didn't even know where he was. That was when I brought him into our emergency room before he was transferred to Duke."

I began to think. Pituitary tumor, surgical resection, panhypopituitarism. Could the tumor have spread? Unlikely given the "benign nature" of pituitary adenomas. Was this an effect of radiation therapy? Usually that is many years later and slowly progressive. Could he have forgotten his thyroxine, his cortisone, his antidiuretic hormone?

S: "Do you remember if they checked his blood for anything at the hospital?" I asked.

Wife: "Yes, he had a sodium of 108. I hear that's pretty low."

Bingo! An interesting patient but not that tough to figure out, I thought. A 63-year-old man, status post surgery and radiation therapy for a pituitary tumor, on replacement therapy for panhypopituitarism. He developed hyponatremia with a sodium dipping to 108, and was then transferred here.

I walked back to the Instructor feeling fairly satisfied that I understood. The Instructor wasn't overly impressed with the information I had obtained.

Instructor: "Do you think he was hyponatremic two weeks ago when he was playing golf and feeling well?"

S: "No."

I: "Then why is he hyponatremic now?"

S: "Because he had hiccups and was force-fed fluids."

I: "And why did he get hiccups?"

S: "Because that is a prominent feature of hyponatremia."

I: "True, but the result can't be the cause — was he already hyponatremic? And if so, why?"

S: (humbly): "I don't know."

I: "What about his medicines?"

S: "Well, he has been on replacement therapy consisting of cortisone, thyroxine, and antidiuretic hormone. But he has continued taking the medications and in the prescribed dosages."

I: "You're missing something. Go back in and find out more. And don't look at his chart."

I returned to the Patient's room and we talked more. He had been evaluated by a urologist for persistent microhematuria one week before admission, and he intensely feared that he had "cancer." He erroneously thought that

From the Department of Medicine, Duke University Medical Center, Durham 27710

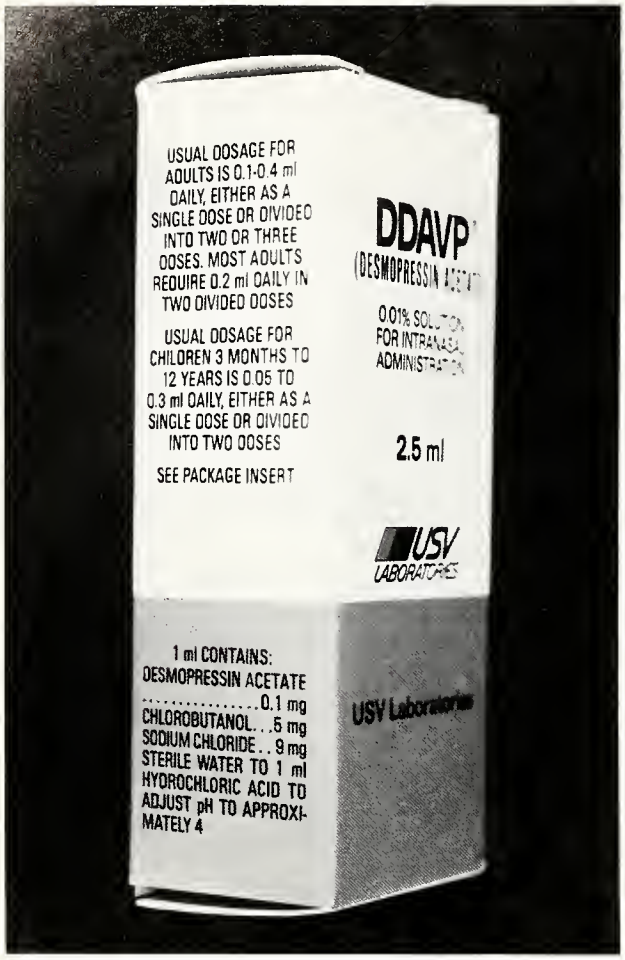


Figure 1. *Photograph of the DDAVP package implying that twice-daily dosage is the norm.*

by drinking more fluids he could possibly "wash away" his hematuria. He had not changed the daily antidiuretic hormone dose, but he had begun to take half the amount twice a day instead of the full dose once a day. When I directly questioned the Patient as to why he had changed the regimen, he replied, "It says you can on the package and I thought it might help"(figure 1). I returned to the Instructor to share this information.

I: "What about his antidiuretic hormone?"

S: "He began taking half as much twice as often."

I: "Do you understand now?"

S (shuffling and rubbing head sheepishly): "Not fully."

I: "Go back in and ask the patient if he had polyuria for several hours before each dose of antidiuretic hormone when he was taking it once a day."

Again I entered the Patient's room. By this time he was grinning with delight since he was aware of the challenge issued to me by the Instructor. "I hope I'm helping you out, son," he said to me worriedly.

"You're assisting me very much just by answering my questions," I said reassuringly. "When you were taking your antidiuretic hormone once a day, did you notice episodes when you would urinate a lot before taking your next dose?" I inquired.

"Man, yes, and I would be as thirsty as a camel!" he remarked.

I returned to my smiling Instructor as he said matter-of-factly, "You see, one plus one doesn't always equal two."

"Oh, I get it," I thought to myself. Taking antidiuretic hormone only once daily allowed the patient a few hours of polyuria to rid his body of excess water. His change to twice-daily doses induced a state of unbroken antidiuretic hormone (ADH) effect which allowed him to become water intoxicated. Although the total daily amount was unchanged, the duration of action was prolonged so that he essentially created a condition of "inappropriate ADH" (figure 2). When he then increased his fluid intake in the mistaken belief that he would "wash out" his urine, there was a downward spiral of serum sodium with attendant changes in mental function. These changes in mental function represent the neurologic effects of hyponatremia — disorientation, lethargy, and confusion, which can progress to seizures, coma, and ultimately death. Hiccups, weakness, nausea, headache, and obtundation are other symptoms of hyponatremia.[1] The neurologic symptoms of hyponatremia can be attributed to cerebral edema caused by intracellular movement of water.

I was pleased that we had sorted out the Patient's problem and the "reasons" why he had drunk "too much"

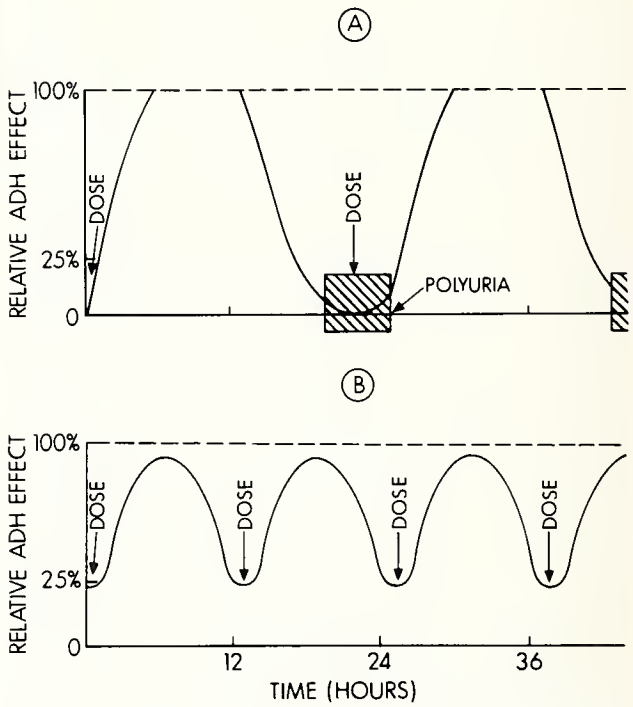


Figure 2. *Why "one plus one does not (always) equal two." When the total daily dose of antidiuretic hormone (DDAVP) was given once daily (A), there was supramaximal antidiuresis followed by a brief period without hormone effect when diuresis could occur. In contrast, taking half as much hormone twice as often (B) resulted in a less than maximal antidiuresis but also eliminated the hormone-free "holiday" period. As a result there was a state of sustained antidiuresis which allowed the development of water intoxication.*

water. Before I had first met him, he had been given intravenous saline and water restriction and his serum sodium had returned to low normal in 24 hours. I thought he would do fine.

Over the next few days the Patient continually improved and was discharged after a six-day hospitalization. But by the time he arrived home he seemed lethargic and disoriented. That night he became incontinent of urine and feces and was unable to swallow or speak coherently. He returned to the hospital where he was noted to be mute and unresponsive. Brain computed tomography scans, magnetic resonance imaging, and lumbar puncture were performed and were all unremarkable. An electroencephalogram was abnormal due to intermittent rhythmic frontal activity suggesting a multifocal process, but no clinical correlation was possible.

The Patient remained comatose and unresponsive for one month supported by intravenous fluids and a feeding gastrostomy. He then appeared to "wake up" and respond appropriately but nonverbally. Thereafter he had a waxing and waning state of alertness which gradually improved until, when he was discharged four weeks later, he was able to verbalize appropriately although dysarthrically, move all extremeties, feed himself, and swallow and cough well. His recovery continued at a rapid pace thereafter. He is now at home, plays golf (scoring in the nineties), feels well and is very careful to take his medicines only as prescribed.

Since we detected no brain lesion we felt the Patient had a metabolic encephalopathy, an alteration in anatomy inferred from his altered behavior but too subtle to be detected by current imaging techniques. There is an osmotic demyelination syndrome which has been reported following recovery from hyponatremia.This syndrome (sometimes called central pontine myelinolysis) is characterized by various neurologic findings including fluctuating levels of consciousness, convulsions, hypoventilation, pseudobulbar palsy, and quadriparesis.[2] Diagnosis is usually made post-mortem since radiologic and other investigations are often unremarkable. On autopsy there is demyelination of the central nervous system, most marked in the central pons area with sparing of neurons and axis cylinders.[2] Patients who survive central pontine myelinolysis may have a marked recovery with the passage of time.[2,3-5] The diagnosis of osmotic demyelination in this case seems likely, given his course and recovery.

So our patient had not one but two uncommon metabolic disorders. The extensive chain of events in his case history are worthy of mention and underscore the important snowball effect caused by one seemingly innocuous change in medical regimen — from full dose once daily to half dose twice daily. As a result, the patient spent over two months in the hospital with an osmotic demyelination encephalopathy . . .

BECAUSE he had been very hyponatremic

BECAUSE he had changed his administration of antidiuretic hormone from once daily to twice daily

BECAUSE he thought he might "wash away" the red blood cells in his urine

BECAUSE he feared he might have cancer

BECAUSE he had suffered from a pituitary tumor one year ago and was afraid.

After the Instructor and I discussed the case, he had me read the article by Carl Binger titled "Why the Professor Fell Out of Bed."[6] In this article Binger relates a conversation between a medical student and an instructor. The medical student was guilty of concentrating purely on the "stylized convention" of the pathology of the bleeding ulcer in the patient being discussed. Binger pointed out that the development of even the most tangible of lesions (such as a duodenal ulcer) is inextricably bound up with the structure and function of the brain expressed as the patient's personality. He urged the student to divorce himself from an "either-or" attitude, the "psychogenic" versus "organic." By concentrating on purely the most recent changes, as I initially did in this hyponatremic patient, it became too easy to overlook the precipitating cause of the patient's current medical problem. The dramatic chain of medical events was initiated by one simple change in medical regimen instigated by a troubled patient.

And lastly, a final teaching point now firmly entrenched in my mind is that when dealing with medical regimens, indeed ONE PLUS ONE DOES NOT ALWAYS EQUAL TWO.

References

1. Narins RG. Therapy of hyponatremia — does haste make waste? N Eng J Med 1986;314:1573-4.
2. Sterns RH, Riggs JE, Schochet SS. Osmotic demyelination syndrome following correction of hyponatremia. N Eng J Med 1986;314:1535-42.
3. Telfer RB, Miller EM. Central pontine myelinolysis following hyponatremia, demonstrated by computerized tomography. Ann Neurol 1979;6:455-6.
4. Marra TR. Hemiparesis apparently due to central pontine myelinolysis following hyponatremia. Ann Neurol 1983;14:687-8.
5. Brunner JE. Central pontine myelinolysis in a patient with adrenal insufficiency. Henry Ford Hosp Med J 1985;33:45-7.
6. Binger C. Why the professor fell out of bed. Harper's Magazine 1947;195:337-42.

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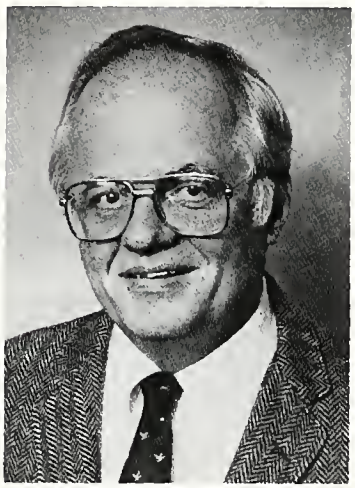
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SCIENTIFIC ARTICLE

Autotransfusion in Bilateral Internal Mammary Artery Bypass: Cost Effectiveness in the 1980s

Richard W. Zollinger II, M.D., D. Scott Andrews, M.D., Frederick H. Taylor, M.D., Victor Carcioppolo, C.C.P., and Paul Verdecchia, C.C.P.

AUTOTRANSFUSING shed mediastinal blood after cardiac surgical procedures has dramatically reduced the need for use of the blood bank in the present practice of cardiovascular surgery. On the average, 1000 cc of blood is shed after an open heart procedure.[1-3] Sterile collection receptacles afford ease and patient safety.

We describe a method in which blood is collected in sterile plastic receptacles, then autotransfused through a filter intravenously into the patient like any intravenous solution. We describe a 30-month experience in over 449 open heart patients.

Over the past 30 months, in 449 procedures, we have found the need for blood transfusions to be very small. With current concerns about cost-conscious practice and blood transmitted diseases, this is an important consideration. Through the use of postoperative autotransfusion, we reduced the average need for autologous blood transfusion to less than 0.8 units per patient.

During the late months of 1983, we studied 59 patients, 19 of whom had had open heart procedures without collection of mediastinal blood. These 19 patients experienced a transfusion rate of 63.2%. The other 40 patients, treated with mediastinal blood collection, experienced a transfusion rate of 35%. Since that time, we have improved on this figure; the number of patients receiving shed mediastinal blood who require transfusion has decreased, and now represents less than 25% of the cases receiving any donor blood whatsoever. This includes the preoperative, perioperative, and postoperative periods. In over 300 of the patients we studied, bilateral internal mammary artery grafts were used without an increased need for blood transfusion as compared to our single internal mammary artery or vein graft patients.

Technique

Operatively, no blood is used to prime our pump for bypass (that was done only once in this series). Our prime consists of 1900 cc of crystalloid and colloid solution. Postoperatively, a Sorenson(R) receptacle liner is attached to the patient's mediastinal and chest tubes. This is a 1000 cc receptacle bag made out of plastic and attached to a suction device to allow evacuation of both pneumothoraces and shed blood postoperatively. These tubes are connected serially and then attached to the receptacle liner attachment. The average total blood loss is approximately 800 to 900 cc per case. After roughly 400 to 500 cc drains from the patient, the receptacle liner is attached to blood tubing and autotransfused. This requires no break in sterility for the nursing staff and is relatively easy to do.

On the average, a patient requires two of these receptacle liners for a normal postoperative course. Once the patient is more than four to five hours postoperative, the need for autotransfusion usually ceases and the receptacle liners serve as collection devices for mediastinal and pleural drainage over the next 24 hours.

Costs and Clinical Experience

The average cost per receptacle liner is roughly $58, for a total cost, including IV tubing and two liners, of around $120 per patient. In comparison, other methods have been described in which a cardiotomy device (a collection device attached to the cardiopulmonary bypass apparatus) is used for collection of postoperative blood and autotransfusion, and the cost for one of these is roughly $188 per patient. Along with this device, some groups have used a cell saver device to spin the collected drainage just for red cells which are then transfused at a cost of roughly $158 per patient.

There is an obvious cost savings with the use of the plastic receptacle liners. The disadvantage, of course, is in a patient who requires multiple autotransfusions for postoperative bleeding. Here the cardiotomy device would obviously be more beneficial, as it is a one-time cost.

Many centers use a technique in which the cardiotomy device is detached from the heart-lung machine and transferred to the Intensive Care Unit with the patient. It is directly attached to an IVAC device and the blood is autotransfused to the patient through intravenous tubing. This technique has been widely described by the Cleveland[4] Clinic group. Given the cost comparison, above, the use of our method obviously can be a great savings in per-patient and hospital costs. There are other techniques described in which the blood is drained into a bell bottle receptacle[1] and then transfused into a vacuum bottle, when sufficient quantities have drained, and then autotransfused to the patient. The drawback here is not cost, which is

From 1900 Randolph Road, Suite 206, Charlotte 28207.

relatively low, but the introduction of possible infection with the need for transfer of blood from one bottle to the next in the Intensive Care Unit setting.

Discussion

Autotransfusion of postoperative shed blood eliminates the complications associated with the use of homologous blood. It also offers advantages for patients who have religious objections to homogolous blood transfusion. We have found we are able to do a routine, elective bypass operation, with a type and screen, at a cost of $30 plus use of the autotransfusion set-up. With this technique, the patient benefits in (1) cost; (2) reduced chance of exposure to infectious processes, i.e., hepatitis, AIDS; and (3) the ability to undergo bypass surgery with bilateral internal mammary arteries without increased bleeding problems. In our clinical setting, we have had a re-exploration rate of only 4% in our bilateral internal mammary patients.[5] This is in line with what saphenous vein graft patients' postoperative bleeding rate has been determined to be. An additional advantage is that fewer pulmonary complications and infections are reported when only autologous blood is given.

We feel that in the 1980s the use of internal mammary arteries, with their greater than 95% ten-year patency rate, is becoming the standard of care. We also feel that these autotransfusion device set-ups, along with the bypass operation, are the forefront of cardiac surgery today. We have found that this is a very effective and easy means in the management of postoperative cardiac patients in the community practice setting. As it was stated in 1931, "We do not consider it to be true surgery to withdraw good blood and throw it away."[6]

References

1. Tector AJ, Dressler DK, Glassner-Davis RM. A new method of autotransfusing blood drained after cardiac surgery. Ann Thorac Surg 1985;40:305-6.
2. Carter RF, McArdle B, Morritt GM. Autologous transfusion of mediastinal drainage blood. Anaesthesia 1981;36:54.
3. Newland P, Pastoriza-Pinol J, McMillan J, et al. Maximal conservation and minimal blood usage of blood products in open heart surgery. Anaesthesia Intensive Care 1980;8:2.
4. Lytle BW, Cosgrove DM, Saltus GL, et al. Multivessel coronary revascularization without vein: long term results of bilateral internal mammary artery grafting. Ann Thorac Surg 1983;36:540-3.
5. Zollinger RW, Andrews DS, Taylor FH, et al. Twenty-four month experience with 217 bilateral internal mammary artery bypass grafts. J Thor Cardiov Surg (in publication).
6. Brown AL, Debenham MW. Autotransfusion use of blood from hemothorax. JAMA 1931;96:1223.

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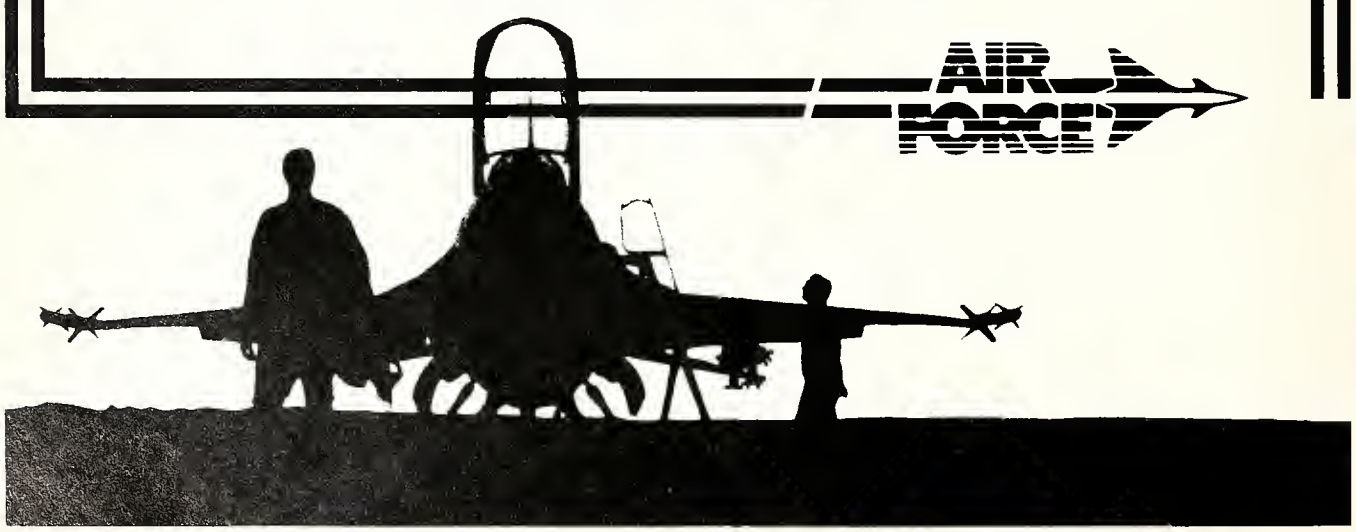
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AIR FORCE



North Carolina Medical Journal

Features for Patients November 1986

Artisan and Clinician: Today's Prosthetist-Orthotist

John W. Michael, C.P.O.

Questions:

Many citizens donate to the TV telethons to aid children whose limbs are poralyzed by obscure neuromuscular diseases. Who makes the braces and supports that provide them mobility outside of wheelchairs?

The ten o'clock news features a local athlete who lost his lower leg in a motorcycle accident. Who designs, fabricates, and fits the artificial limb that permits him to resume nearly normal activities?

Answer:

A small cadre of artisan/clinicians: prosthetists and orthotists.

Prosthetics, the science of external limb replacement, can be traced back to the time before Christ's birth. Historically, most artificial limbs were crude approximations created by the amputee himself. Herodotus (485-425 B.C.) tells of the seer Hegestratos of Elis, who escaped imprisonment in the Spartan stocks by slicing off his forefoot with a knife.[1] The hero later fashioned a wooden replacement, one of the earliest references to limb prosthetics in Western literature.

Orthotics, the science of externally supporting the limbs and torso, also began with designs fashioned by the sufferer. Evidence of crude fracture splints have been found in Egyptian tombs dating back to 2700 B.C., with more complicated designs described by Hippocrates in the fourth century B.C.[2]

By the Renaissance, more sophisticated designs were being developed, particularly by the prolific barber-surgeon Ambrose Paré. Descendents of the Medieval armorers created many of the devices of this time. The transition was a natural one: from making an articulated glove protecting Sir Knight's hand to making one to replace his hand when it was injured in battle.[3]

Little by little, advances were quietly made in the comfort, effectiveness, and sophistication of external supports and replacements. Often, the physician who conceived the devices became widely known, while the practitioner who created them remained anonymous. This first began to change in the nineteenth century, when Johann George von Heine established his renowned workshop in the hospital at Wurzburg, Germany.[4]

Progress in the United States

The trend toward recognition for significant members of the rehabilitation team continues to the present time, as the field of orthotics and prosthetics evolves from a craft into a profession. Immediately after the conclusion of World War II, strident demands by returning veterans led to a concentrated focus on this still obscure discipline. Federal support for basic research, advanced education, and improved clinical designs resulted in rapid advances. Unfortunately, Gramm-Rudman and DRGs seem to herald an abrupt reversal in national concern for the disabled, as the mandate becomes "Do the LEAST possible" rather than the best.

In 1948, a farsighted group of orthopedic surgeons and prosthetist-orthotists created the American Board for Certification (ABC) to advance the competency and ethical standards of this emerging profession. Over the years, the educational and experiential standards have been raised to reflect the increasingly sophisticated

From the Department of Prosthetics and Orthotics, Duke University Medical Center, Box 3885, Durham 27710.

designs and materials available in our technological age.

The State of the Profession Today

Although a handful of universities offer a four-year Baccalaureate in prosthetics and orthotics, most new entrants to the field complete postgraduate training after obtaining an undergraduate degree in a related field such as biomechanics. An internship under an appropriately certified practitioner is required for at least one year per discipline; e.g., two years to become a prosthetist-orthotist. Board examinations are administered annually, and consist of several days of written, oral, video, and clinical testing.[5] In a typical year, 70% might score well enough in all four sections to become Board Certified practitioners.

There are currently approximately 2,400 certifees in the United States, consisting of about equal numbers of Certified Orthotists, Certified Prosthetists, and Certified Prosthetist-Orthotists. Most practice in private facilities, predominantly small businesses with a handful of employees.[6] A few large corporations do exist; the best known is probably the Hanger company, named for the American amputee/prosthetist who significantly advanced the state of the art for post-Civil War amputees.[7]

A few dozen major hospitals, including Duke University, have associated departments of Prosthetics and Orthotics. A somewhat larger number, including University of North Carolina-Chapel Hill, have private facilities on their premises. The great majority of Prosthetist-Orthotists are general practitioners, providing care for the broad gamut of orthopedically involved individuals. A handful elect to specialize in a particular area, such as upper limb prosthetics, although there is currently no separate Board certification for such limited practices.

About 70% of the certifees are also members of the American Academy of Orthotists & Prosthetists (AAOP), which provides much of the ongoing continuing education for the field.[8] The business-oriented American Orthotic and Prosthetic Association (AOPA) works with third party carriers, Federal agencies such as Medicare and the Veteran's Administration, and the legislators on Capital Hill in an effort to keep the profession on financially sound ground. Together, the Academy and the Association publish two quarterly journals, *Orthotics and Prosthetics* and *Clinical Prosthetics and Orthotics*, and a monthly magazine of information pertinent to the field. They also provide a series of pamphlets and manuals for patient education, facility management, and the like.

Salaries vary geographically with the local cost of living as well as with individual ability, but are generally comparable to those of professional managers in other fields. Starting salaries are often less than $20,000, but established certifees with experience typically earn about $30,000. Dual certifees, qualified and experienced in both Orthotics and Prosthetics, are often compensated in the $40,000 range. Obviously, facility owners who are successful can expect a return on their business investment as well as the salary their clinical efforts provide.

Practitioners are generally well distributed geographically, although rural areas with limited populations can seldom support a full-time facility. Many are served by satellite clinics open once a week or even once a month. Patients living in remote areas usually must drive to more populated centers for such specialized care.[9]

North Carolina has 36 practitioners — ten Certified Orthotists, ten Certified Prosthetists, and the balance Certified Prosthetist-Orthotists. The thirteen accredited facilities are located in Asheville, Charlotte, Concord, Durham, Raleigh, Wilmington, and Winston-Salem[10] (Appendix).

Areas of Concern

Issues that the field currently faces can be divided into three areas. *Scientifically*, a broader array of components and designs are available than ever before. It is now quite possible to create a prosthesis fitted according to German design principles, fabricated according to Icelandic specifications, and containing a knee mechanism imported from Taiwan with a computer-designed foot from California. With this pace of technological change, lifelong education becomes paramount. Like many other health care professions, prosthetics and orthotics is wrestling with the issues of recertification and mandatory continuing education.

Several centers are pursuing the creation of Masters-level programs and preliminary work is being done toward establishing a Doctorate in the future. At the same time, rapidly dwindling federal funds are threatening even well-established entry-level programs. Clearly, *education* with all of its ramifications is a central concern to today's practitioner.

From a *business* standpoint, the greatest concern is the changing climate in health care support. Probably 80% of our services are reimbursed, at least in part, by Medicare and other third party carriers. The fear is that the Federal deficit will be lowered by denying coverage to disabled individuals. Medicare has already announced reimbursement freezes and across-the-board cuts in their coverage. Health Maintenance Organizations, Preferred Provider Organizations, and other major carriers are negotiating aggressively for substantial discounts and limited access by consumers. And more and more paperwork is being required as a delaying tactic to avoid issuing the check. The epitome of this trend is a North Carolina carrier who, despite a written prescription, demanded a medical letter of necessity for an artificial limb. Apparently anticipating regeneration, they then rejected the claim on the grounds that no one had documented the duration of need!

On the *professional* front, a thorny issue is provision of traditional orthotic services by less knowledgeable individuals. Since the federal mora-

torium on licensure was implemented in the seventies, it has proven impossible to make the transition from the voluntary credentialling Certification offers to the legal sanctions licensure would offer. A recent effort by a group of surgical garment suppliers to award the title Certified Orthotist after a simple five-day course was averted only after very expensive litigation in federal courts here and in Canada.

As the *financial* pressures to contain costs increase, the tendency to accept the cheapest source regardless of ability will increase. A good illustration is the proliferation of off-the-shelf knee braces, as manufacturers try to cash in on the fitness craze. When the Certified Orthotist advises against a poorly designed stock item, he or she sometimes finds it is simply procured directly from a medical equipment supply house and applied by a cast technician with little regard for biomechanical support principles. Shelf model plastic ankle braces are a similar problem. The patient's failure to benefit from a poorly conceived imitation may mean that he or she never considers a well-molded custom designed orthosis.

The Good News

Despite these concerns, in many ways the profession is in better shape than ever before. Just forty years ago, most practitioners were high school graduates, trained in haphazard fashion on-the-job. Devices were made of wood, leather, and metal; modern plastics technology was unknown. Intuitively fitted, without any knowledge of the underlying biomechanical principles, the designs of that day were relatively simple and limited in scope.

Today, molded plastic braces weighing six ounces can provide sufficient three-dimensional support to permit a child with neuromuscular paralysis to walk. Computer-designed space-age composites form the energy efficient "feet" of sophisticated artificial legs. Several well-trained athletes have completed the New York and Boston marathons on such devices. Miniaturized electronics have expanded the range of useful designs for the upper-limb amputee as well.

Much work remains to be done. Even the best modern technology can offer is but a shadow of the marvelous biological machine it attempts to imitate. But the profession, and the patients it serves, continue to advance step by step. In many cases, what would have been a devastating or even fatal problem just a few decades ago can now be reduced to an inconvenience.

As we approach the twenty-first century, the small but dedicated cadre of prosthetist-orthotists stand ready and eager to accept the challenge of reducing the impact of physical disability through technology.

Appendix

Certified Facilities in North Carolina

Asheville
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W. Rolph Aycock, Sr., C.P.O.
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Jock King, C.P.O.

Foith Prosthetic-Orthotic Services, Inc.
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References

1. Fliegel O, Feuer SG. Historical development of lower-extremity prostheses. Arch Phys Med ond Rehob 1966;47:275-85.
2. Americon Academy of Orthopedic Surgeons. Orthopedic appliance otlos. Ann Arbor, MI: J.W. Edwords, 1952. Vol.I, pp. 4-5.
3. Fliegel O, Feuer SG. Op. cit. 1966:316.
4. Americon Acodemy of Orthopedic Surgeons. Op. cit. 1952, pp. 14-5.
5. Americon Boord for Certificotion in Prosthetics ond Orthotics. Book of rules. Alexondrio, VA: ABC, 1986.
6. Americon Boord for Certificotion in Prosthetics ond Orthotics. Registry. Alexondria, VA: ABC, 1986.
7. Americon Acodemy of Orthopedic Surgeons. Orthopedic opplionce otlos. Ann Arbor, MI: J.W. Edwards, 1960. Vol. II, p. 10.
8. Americon Academy of Orthotists ond Prosthetists. Membership directory. Alexondrio, VA: AAOP, 1986.
9. Shorples GE. Populotion ond occess to prosthetists. Orthotics & Prosthetists 1972:34-42.
10. Americon Boord for Certificotion. Op. cit. 1986, pp. 71-2.

Horseback Riding in North Carolina

Doris M. Bixby-Hammett, M.D.

Horseback riding is a popular leisure sport in North Carolina and its popularity continues ta graw. The North Carolina Horse Council estimates that there are 220,000 horses in the state. The annual 4-H Youth Develapment Enrollment Report for 1986 states that 5,300 4-H youth projects were enrolled in North Carolina horse and pony activities.[1]

Accidents are the number one cause of death in this country for the ages one through 44 years. Accidents are the third leading cause of death among the whole population, following heart disease and cancer. In any vigorous activity, accidents occur. The larger the number of people involved in a vigarous activity, the more accidents occur.

The Natianal Electronic Injury Surveillance System af the Consumer Safety Commission reported a national average of 42,000 horse-related accidents resulting in hospital emergency room treatment each year from 1979 to 1982.[2] This number did not include the accident victims who received no treatment, who were treated by a physician at the site, in the office, or in an emergency room not hospital related, who were admitted directly to the hospital, or who died before arrival. In the 1980 census, North Carolina had 2.6% of the natian's population. On the basis of these figures, one may estimate that 1,089 persons went to the emergency roams in North Carolina each year from 1979 to 1982 as a result of harse-related accidents. The head is the most frequently injured part of the body in such accidents.[3]

Head Injuries

The office of the North Carolina Medical Examiner reported in the years 1978 to 1985 22 deaths from horse-related accidents, an average of 2.75 deaths a year. Seventeen of these deaths, or 77%, resulted from head injuries. Thraugh 1982, Medical Examiner figures for 10 reporting states projected that, nationally, 62% of horse-related deaths resulted from head injury.

Frequent in horseback riding are bumps to the head, a rider's seeing "stars," "tings," and being "shook up." Riders typically give no importance to the accidents that cause these phenomena, and a concussion may be ignored. A time-honored practice is to remaunt immediately after a fall so that confidence will not be lost. From a medical standpoint this is not wise.

Injury to the brain is much more significant than was assumed in the past. A concussion occurs when there is a loss of consciousness even for a moment. Often the only sign of this loss of consciousness is an amnesia, or loss of memory. The duration of the post-traumatic amnesic state is the best single index of the severity af a generalized brain injury.

If a rider sustains one minor head injury, defined as a history of unconsciousness for 20 minutes or less, Glasgow Coma Scale score of 13-15 (figure 1, next page), and hospitalization not exceeding 48 hours, statistically he or she is at 31% risk of having another head injury in an accident.[4] The chance for a second head injury increases ta 42% if the first head injury was moderate, defined as a Glasgow Coma Scale score of 9-12.[5] The effects of concussions are cumulative, with each one destroying neurons in the brain, diminishing the reserve available. The "minor" head injury assumes special importance for the child, with potential for changing the personality, altering the behavior, and disrupting the thinking pathways, causing short attention span, attention deficit, increased distractability and resultant lowering of the IQ.

Helping an Accident Victim

Determination of a minor concussion at the accident site must be made with limited resources. First, no trained medical personnel are likely to be present; and second, there may be no physical changes apparent even upon extensive careful neurological examination.

The usual instructions to the riding cammunity for care of a rider injured in a fall from a horse are the following.

1. The rider is unconscious: Refer to the emergency procedures of "ABC" — airway, breathing, circulation — and CPR (cardio-pulmonary resuscitation).
   a. If the airway is obstructed, you may have ta move the rider. Move along the "long axis" from head to foot.
      i. Straighten the legs.
      ii. Ease the rider onto his or her back while supporting the spine and head. Do not let the spinal column twist. Move as one piece.
   b. Remove the helmet. Unbuckle the chin strap, and support the head with one hand while removing the helmet. This is much easier if a second person is helping. Do not allow any motion of the head while removing the helmet.
2. The rider is conscious and in pain: If the rider is not breathing, follow the directions for an unconscious rider.
   a. Do not move the rider.
   b. Cover to prevent loss of heat.
   c. Reassure the rider and send or

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Figure 1. Glasgow Coma Scale

Response	
Eyes open	
Spontaneously	4
To verbal commond	3
To Poin	2
No response	1
Best motor response	
To verbal command	
Obeys	6
To Poinful stimulus*	
Localizes poin	5
Flexion-withdrowol	4
Flexion-obnormol (decorticote rigidity)	3
Extension (decerebrote rigidity)	2
No response	1
Best verbol response**	
Oriented ond converses	5
Disoriented ond converses	4
Inoppropriote words	3
Incomprehensible sounds	2
No response	1
TOTAL	3 - 15

* Apply knuckles to sternum, observe arms.
** Arouse patient with painful stimulus if necessary.

The Glasgow Como Scole, bosed upon eye opening, verbol and motor responses, is a practicol meons of monitoring chonges in level of consciousness. If each response on the scale is given a number, the responsiveness of the patient con be expressed by summation of the numbers. The lowest possible score is 3 (no eye opening, no motor or verbal response); the highest is 15.

go for help. Instruct the rider not to move while you are gone.

3. The rider is conscious and seems unhurt:
   a. Do not allow the rider to move.
   b. Look for signs of injury. If there are no head/face cuts or bruises, ask the rider to move the head slowly from side to side, then up and down. Ask the rider if there is any numbness in the arms or legs.
   c. If the examination is negative to this point, rub the back of each hand. They should feel the same to the rider.
   d. Ask the rider to squeeze your hand with each hand; to press each foot down against your hand; to lift each foot upward against your hand. Both feet should be equal in strength and feel the same to the rider.
   e. For a period of 10 minutes, do not allow the rider to move. During this time, question the rider for signs of concussion. Questions that a companion can ask to determine the presence of a minor head injury are: "What day is it?" "What time of day?" (without use of a watch). Ask the rider to repeat after you series of numbers: for a seven-year-old, three numbers in reverse order; for a nine-year-old, four numbers in reverse order; for a 10-year-old, six numbers forward; and for ages 12 and older, five numbers reversed.
   f. If there is no evidence of injury and ten minutes have passed, allow the rider to move slowly, first sitting, then standing with support available. As a general rule, be conservative in any activity allowed after a possible concussion.

After the Accident

If there has been an actual or possible head injury with concussion, the recommendations are the following.

1. Mild (no loss of consciousness but rider stunned and disoriented): The rider can resume riding 24 hours after full return to normal consciousness and mental clarity.
2. Moderate (loss of consciousness with no memory of events of the immediate period of the accident): The injured person should not ride for one week.
3. Severe (loss of consciousness for more than five minutes): The rider must be seen by a physician, usually followed by hospitalization for computerized tomography and neurological observation.

After three severe concussions, the physician must seriously consider recommending that the rider stop horseback riding, and this recommendation should be noted in the records. If the patient is determined to continue riding against medical advice, the physician would be well advised to discuss this decision with the patient's family and obtain agreement that no participation in jumping, timed events, gymkhana, games, rodeo, or work with young or spirited horses be allowed.

Essential Headgear

Riders must never ride without approved safety headgear that is fastened before mounting. Head injuries can be prevented or their severity reduced by the wearing of properly made, fitted, and secured headgear.[6] Football, motorcycling, bicycling, baseball, and many other sport activities have shown reduced injury and death rates with protective helmets.

Three factors make a riding hat protective: it must be secure from loss from the head; it must protect the head from the impact or compression of a fall; and it must be penetration resistant. Riding hats are tested for safety using the guidelines of the National Operating Committee on Standards for Athletic Equipment (NOCSAE) and the American Society for Testing and Materials (ASTM). The testing includes the following steps.

1. Many riding hats are lost as an accident occurs, leaving the head unprotected. Minimum standards require the retention system — a chin strap or harness — to resist a 300-pound pull.
2. The force of the impact must not be transmitted through the hat to the head. The brain can usually withstand approximately 80 g of pressure. During acceleration and deceleration, an increase in intracranial pressure occurs and the entire brain smashes against the side of the rigid skull causing tearing and bleeding into the brain. Impact testing shows how much of this external force comes through the hat to the head. The more protective the hat, the lower the force transmitted. Present protective standards require a reading below 300 g of transmitted force.
3. In an accident, the protective helmet must resist the penetration of objects such as rocks, jump standards, and tree limbs. The penetration test is conducted by dropping the penetration test striker onto the outer surface of the hat. The tip of the striker is electrically conductive. The height of the fall, and the weight, angle, radius, and hardness of the striking tip are all standardized. When tested in this fashion, the helmet is rejected if an electrical contact is made between the penetrator and the conducting surface of the head form wearing the hat.
4. The peak or bill extension of the hat above the eyes, if present, shall be flexible for additional lessening of impact blows.

Protective hats are available in a number of styles — schooling, Western, fedora, English, with or without a flexible peak or bill, and with a leather or clear plastic harness. All approved safety hats shipped by manufacturers since April 1, 1983, are identified as such by the outline of a riding hat on the left inside of the harness of the helmet liner. The current list of approved safety hats is available from the state horse specialist or at the United States Pony Clubs (893 South Matlack Street, Suite

110, West Chester, PA 19382-4913).

The hat must be well fitted to the head of the rider. The most satisfactory way is to have it fitted by a knowledgeable sales person. Sizes vary depending on both model and maker. The hat should fit as snugly as it can comfortably be worn. Wear the hat in the shop for a few minutes to be certain it is not so tight as to cause a headache. After a few minutes, remove the hat and look in a mirror. Are there marks on your forehead? If so, try the next larger size. A well fitted hat should stay on the head — even with the harness unfastened — when the wearer bends over at the waist and shakes the head from side to side.

If the hat has a suspension inside — four pieces of woven tape joined by a string — the rider can use it to adjust how close to the ears the hat will sit. One must not count on this feature for protection, as the string normally slips in a fall and the head will hit the liner. If the rider uses the suspension for comfort, he or she needs to check it for fit every time the hat is worn.

If the hat's harness has laces at the back of the neck, they need to be checked. These laces keep a hat that is hit from behind from coming down in front and breaking the nose. The harness should be tightly in place below the small bump at the back of the head. The chinstrap can be worn on the point of the chin or under it, depending on how it is made and which is more comfortable. It must be tight enough that it will not slip forward and allow the loss of the hat in a fall.

Safe Riding

Horseback riding can be a safe sport. the American Horse Shows Accident study showed the accident rate per show entry to be 0.0003, or 15 accidents per 10,000 hours of riding.[7] The United Stated Pony Clubs, a national organization for youth from age six through 21, in their four-year study for 1982 through 1985, reported one accident in every 251,829 hours of riding activity.[8] This contrasts with other reported rates of accidents in harseback riding of one in 1,000 hours,[9] one in 350 hours,[10] and one in 320 haurs.[11]

The United States Pony Clubs require that a rider wear an approved protective riding hat at all times when mounted. They alsa provide safety education, supervision, inspection of equipment and evaluation of members for safety practices.

Robey, studying the accidents of school-aged children in 1971, reported that 3% of elementary-age children, 7% of seventh- and eighth-grade children, and 11% of high school children would have a sport-related accident during the course of a year.[12]

Riders are bound by the habits and customs of many years. With the knowledge that there is no recovery of brain cells destroyed in a cancussion, and that head injury is always a possibility in horseback riding by any rider, on any horse, at any time, regardless of experience or years of riding, safe riding habits can be established. Concussion and brain damage can be prevented or their severity reduced by properly constructed, fitted, worn and secured protective headgear.

Never mount to ride a horse without a fastened approved safety hat. Every member of your family and your riding friends must do likewise. A life may depend upon it.

Addendum

A seven-minute videotape program on safety helmets is available for $20 from Equine Netwark, 102 Church St., Black Mountain, NC 28711, 704/669-5995. This excellent program is endorsed by the NC Chapter af the American Academy of Pediatrics.

References

1. 4-H youth development enrollment report. Washington, D.C.: Extension Service of the U.S. Department of Agriculture, 1986.
2. Nationol electronic injury surveillance system report. Washington, D.C.: Nationol Consumer Product Safety Commission, 1979-1982, onnual (product code 1239, horsebock riding).
3. Bixby-Hammett DM. Youth accidents with horses. Phys Sportsmed 1985;13:105-17.
4. Rimel RW, Giordoni MA, Barth JR, et ol. Disability coused by minor head injury. Neurosurgery 1981;9:221-8.
5. Rimel RW, Giordoni MA, Barth JR, et ol. Moderate head injury: completing the clinical spectrum of brain troumo. Neurosurgery 1982;11:344-51.
6. Bixby-Hammett DM. Head injuries in the equestrian sports. Phys Sportsmed 1983;11:82-6.
7. Bernhang AM, Winslett G. Equestrian injuries. Phys Sportsmed 1983;11:90-7.
8. Bixby-Hammett DM. Unpublished paper.
9. Gierup J, Lorsson M, Lennquist S. Incidence and nature of horse-riding injuries: o one-year prospective study. Brit J Sports Med 1979;13:29-32.
10. Firth JI. Equestrion injuries. Sports injuries. Baltimore, MD: Williams & Wilkins, 1985, pp. 431-49.
11. Donielsson LG, Westlin NE. Riding accidents. Acto Orthop Scand 1973;44:597-603.
12. Robey JM, Blyth CS, Mueller FO. Athletic injuries: opplication of epidemiologic methods. JAMA 1971;217:2.

- *Olympic trials for equestrian events will be held in the Raleigh-Durham-Chapel Hill area this July, during U.S. Olympic Festival '87.*

From Curing to Caring: Hospice Programs

Sara Craven, M.S.W., A.C.S.W.

"I wish I had known about Hospice when my mother was sick." "I could never have cared for my husband without the help Hospice gave me." "It meant everything for her to stay at home."

After a long day and an exhausting week, these are the kinds of comments that affirm the work we have done with dying people and their families. Our efforts to give them nursing, emotional, social and spiritual support have helped them cope with some of the most emotionally and physically draining weeks they have ever experienced.

Most hospice programs in North Carolina are oriented toward caring for people at home, although there are several hospital-based programs. The reality is that death comes to all of us. When the time comes that aggressive treatment — surgery, chemotherapy, radiation — no longer yields positive results, then goals change from *curing* to *caring*.

Most people say they want two things — to be comfortable and to go home. Hospice exists to support patients and families in carrying out these wishes. But anxiety is ever-present: "Will I be able to keep him comfortable?" "Who would I call if I got into trouble?" "Will I be able to handle this emotionally? Will he? Will the children?" "Where can I get a hospital bed?" "Will I ever have any relief, or does everything depend on me?" Hospice tries to provide practical and individual answers to these questions.

Working with the patient's own physician and coordinating the services of home health agencies, the American Cancer Society, social services and a myriad of other agencies, the hospice team seeks to fill the gaps in current home-based care. The services that differ from what are readily available are: coordination of services, volunteer support, 24-hour on-call nursing consultation, and bereavement counseling.

In our experience, the availability of an on-call nurse is of great importance to families. They seem uncertain that they have heard us correctly: "Do you really mean there is someone we can call at night or on weekends?" Often they have been more afraid, more vulnerable than they have been willing to admit even to themselves. Our volunteer nurses, who have been fully informed of the situation of each patient and family, are on call during non-office hours and are available for consultation by phone or for a home visit if that is necessary. Nurses visit at the time of death as well, to assist in any way with arrangements and, more important, to support the families in coping with the initial shock and numbness.

Hospice programs train volunteers in the special needs and concerns of dying people and their families. This in-depth training helps them to be able to enter a highly charged emotional atmosphere and to evaluate what needs are not already being met. Families often find it difficult to ask friends for help; a volunteer who is there specifically for that reason can be asked. Volunteers sit with the patient while family members get out to run errands, attend to business, or take a needed break. Or volunteers may go to the grocery store, pick up medicines, or carpool the children to Scouts so that the family members can stay with the patient. Volunteers also listen. We find much reticence and protection between patients and family members, between families and friends, among family members themselves; they don't want to burden each other with their most painful and private feelings. A hospice volunteer may act as a sounding board, a buffer, and a referee, as well as a thoughtful listener. Volunteers are an essential part of the patient care team; their relationship to the families provides a perspective that is often different from that of the professionals.

Bereavement care is crucial. We may have cared for the patient for several weeks or months, but the period of mourning is longer and often more difficult because of the loneliness and isolation. Sometimes it is a staff member who follows a family member into this period; more often it is the volunteer who has established the closest relationship. We sponsor bereavement groups so that widows, widowers and others can be of help to each other. Bereaved people need others who can listen to them work out their feelings at their own rate and who in quiet ways can show them that there is indeed life ahead of them.

In all of our care the spiritual dimension is present. Even if unspoken, the eternal questions are there: "Why me?" "Why now?" Hospice staff and volunteers are sensitive to these issues; we do not promote any particular faith but remain sensitive to each individual's needs, concerns, and theology. Most hospices have clergy who are consultants to the staff and who are involved with the training of volunteers. These clerics also serve as liaisons between hospice and individual members of the clergy in the community.

Hospice care is for a unique group of people: those who know that their time together is limited and who are struggling to manage that time in the best possible way. We hope to help them live their lives as fully and richly as possible until the very end. □

Formerly the social worker with Triangle Hospice, 3605 Shannon Rd., Durham 27707

Un Fleur du Mal — Gyromitrin Poisoning

Ronald B. Mack, M.D.

MANY of the readers of poetry today expect that the work will be difficult to understand, filled with symbolism; contain the author's very personal view of the world and possess no great universal truth. These readers are undoubtedly correct and at least part of this consequence is due to the poetry of Charles Baudelaire. He is probably the most widely read of all the French poets even though his name is not a household word. He died over a century ago but is considered a major force in terms of his influence on modern literature.

Baudelaire is remembered in this country for his one great labor, *Les Fleurs du Mal* (The Flowers of Evil).[1] When this book-length collection of poems was published in 1857 the critics were less than thrilled and the government prosecuted him for offenses against "morality and decency." You can imagine how lurid the poems must have appeared if even the French considered them obscene. The author had a strong belief in original sin and believed that people had an inborn propensity to do evil. It has been said that Baudelaire's evil gets its power from the moral force of the laws it sins against. Probably he is warning all of us that "it's the Devil that holds the thread that moves us . . ." Well I'll be damned, this dude *is* perverse.

There are many "flowers of evil" truly, but one of the most dangerous is the *Gyromitra* species of mushroom. Faithful readers of this column can possibly recall an earlier article I wrote on *Amanita phalloides*,[2] the worst of the worst of the "killer" mushrooms. There are seven groups of poisonous mushrooms,[3] two of which are considered the most dangerous potentially, and they are, as you have guessed, the *Gyromitra* group and the *Amatoxin* group (which contains the Amanita phalloides). Both of these groups belong to the so-called *long incubation period* mushroom poisons. That is to say, the poisonous mushrooms that produce delayed clinical toxicity six to 24 hours after ingestion are the ones that can elicit very serious, potentially fatal, poisoning. The *short incubation* types can make you ill and make you wish you were dead but essentially are self-limiting in the usual case and require only symptomatic treatment most of the time.

The Gyromitra group are also known as *false morels*. The mushroom experts, those fungus-lovers who explore the woods for edible varieties and live to tell about it, will expound on the virtues of *true morels* — one of the most popular mushroom delicacies. These two types of morels are look-alikes and only the cognoscenti should make the choice (for you maybe, but not for me; if they aren't in a can include me out). The Gyromitra mushrooms contain a partially water-soluble, volatile, hydrazine-like poison called *gyromitrin*. This latter toxin hydrolyzes in the body to form monomethylhydrazine, which some readers might recognize as the chemical in a well known rocket propellant. It is probably true metaphorically that a severe, untreated case of gyromitrin poisoning could propel its victim into another galaxy far, far away.

There are some rather untrue folklore recommendations about these mushrooms. Because the toxin is volatile and water-soluble, there are those who believe that the toxin can be destroyed and the mushroom can be made edible by air drying or removal of the toxin with boiling water. You must consider that all of the members of the Gyromitra genus are extremely dangerous no matter how you prepare them and it behooves the amateur mushroom hunter and gatherer to avoid eating these little devils no matter what you do to them.

The most common species in this false morel group is the *Gyromitra esculenta*. A written description will not be much help in identification, but this mushroom does have a distinctive appearance. The object of our discussion stands up to six inches in height and has an unusual convoluted cap that resembles brain tissue. The knot-like cap is ravelled and has a dark brown to sooty brown color. The stem is hollow and thick and firmly attached to the cap. Some authorities describe this morel morsel as looking like a mop. You can find it under conifers in sandy soils or on rotting wood, in the spring. It has been alleged that if the cap is dacaying this mushroom's toxicity seems to increase markedly.

It is important to recall that this particular poisonous mushroom is of the long incubation type; i.e., there is a relatively long latent period between ingestion and the onset of adverse clinical features. In the toxin under discussion, this period can be 6-24 hours post ingestion. The initial adverse clinical features resemble "food poisoning" or "viral" gastroenteritis: vomiting and watery diarrhea associated with rather uncomfortable lower abdominal cramps. With this gastrointestinal insult there can be more bad news — dizziness, headache, weakness and muscle cramps. Wait, there's more — delerium, loss of muscle coordination, convulsions, fever, tachycardia, severe acidosis and hepatic failure (not common). Is that all? Nope!! Methemoglobinemia and hemolysis can occur and threaten the life of the unwary mushroom eater. These latter adversities can be associated with icterus and anemia. It might help to think of monomethylhydrazine as a hemolysin and a gamma-aminobutyric acid (GABA) antagonist.

In some ways this Gyromitra-monomethylhydrazine poisoning resembles isoniazid (INH) poisoning, and no

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surprise, both of these chemicals seem to be able to inhibit the formation of GABA in the brain. GABA, you may recall, is a very important neurotransmitter concerned with inhibitory neurons. Synthesis of GABA requires the co-enzyme pyridoxal-5-phosphate. INH and monomethylhydrazine inhibit the activity of this co-enzyme and subsequently GABA decreases. When this happens and the inhibitory neurons do not function as they should, that's right, you guessed it, the patient convulses. Death in an estimated 15-40% makes this poisonous mushroom a formidable enemy. Human lethal doses are estimated to be 10-50 mg of gyromitrin per kg of body weight. Many authors state that children are particularly sensitive to this toxin, especially in terms of hepatic and subsequent renal failure.

Except as applies to the neurological complications, there is no true antagonist to monomethylhydrazine. The physician should get methemoglobin and free hemoglobin levels as well as hepatic and renal parameters such as the SGOT, serum bilirubin, BUN, creatinine, etc. Treatment is usually symptomatic except for the administration of methylene blue (for methemoglobin levels above 30%) and pyridoxine. The closest thing to an antidote in this poisoning is the use of *pyridoxine HCl* for the convulsions. The dose is 25 mg/kg intravenously titrated to control the patient's central nervous system problems. This drug should help to minimize the inhibition of pyridoxal-5-phosphate by monomethylhydrazine. If the patient survives past the fourth to the seventh day post ingestion, subsequent recovery should be rapid except for any abnormal renal function that may be present; this impairment may recover more slowly. Do not forget to correct the acidosis.

All of this business about mushrooms makes me very hungry but not hungry enough to go out and search the woods for wild mushrooms or to employ a large pig to search for truffles as the French do. No thanks. I'm going to call up my favorite pizzaiola esperto and order a pepperoni and anchovy pizza, hold the funghi.

References

1. Baudelaire C. The Flowers of Evil, New Directions paperback, New York, 1955.
2. Mack RB. Termination without extreme prejudice — Amanita Phalloides. NCMJ 1984;45:521.
3. Hanrahan JP, Gordon MA. Mushroom poisoning. JAMA 1984; 251:1057.

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Chemical Hazards: The North Carolina Hazardous Chemicals Right to Know Act

Leo Uzych, J.D.

IN July, 1985, the General Assembly of North Carolina ratified legislation pertaining to the "right to know" about chemical hazards. The North Carolina "Hazardous Chemicals Right to Know Act" extends right-to-know protection to workers as well as community residents in the state.[1] Right-to-know issues have further been addressed at the federal level. A "hazard communication" published in the *Federal Register* in November, 1983 requires manufacturing employers to provide information to their employees about hazardous chemicals.[2]

The North Carolina legislation responds to an important, and growing, public health problem affecting the state and the nation in general. More than ten million chemical compounds and products are found in the country.[3] The list grows by two to three thousand names each year. Industry uses an estimated 63,000 commercial chemicals to create sundry products, ranging from pesticides and paints to plastics and pharmaceuticals.[4] The amount of hazardous waste generated yearly in America is estimated at between 150 and 275 million metric tons.[5]

Chemical Hazards in the Workplace

Potentially harmful physical and chemical agents are found in the workplaces of a variety of enterprises, including manufacturing, construction, agriculture, transportation, health care, public safety, and numerous other industries and services. In 1972, the National Institute for Occupational Safety and Health (NIOSH) conducted a National Occupational Hazards Survey. The data indicated that about 25 million American workers were potentially exposed to one or more of the nearly 8,000 chemical hazards identified by NIOSH.[6]

Available data suggest that substantial health problems may be associated with exposure to chemical and physical hazards originating in the workplace. The Bureau of Labor Statistics reported about 162,000 new cases of occupational illness in 1977, and 143,500 in 1978.[6] The figures do not include the number of workers who have left the workforce because of total disability from occupational illness associated with chemical exposure. The *Federal Register* states that an analysis of the data shows 57.9% of occupational illnesses in 1977, and 60.5% in 1978, falling into categories of illnesses most likely to be related to chemical exposures (not counting malignant and benign tumors).

From 103 Canterbury Drive, Wallingford, PA 19086

Chemical Hazards in the Community

Hazardous substances further pose a public health menace to community residents. About 100 Roanoke Rapids residents fled their homes in May, 1982, after hydrochloric acid vapors escaped from a chemical storage and transfer plant.[7] Several months later, more than 1,000 people fled an area of downtown Charlotte to escape from a foul-smelling smoke coming from a burning warehouse. In March, 1983, fumes from a ruptured solvent barrel at a Durham chemical waste recycling facility forced 15 nearby residences to be cleared for several hours.

Incidents involving hazardous chemicals affect community residents across the nation. There are at least 16,000 uncontrolled hazardous waste dumps in the country.[8] A study reportedly found that areas of New Jersey where toxic waste dumps were located had particularly high cancer death rates, up to 50% above average.[5] Over 8 million Michigan residents consumed food contaminated with polybrominated biphenyl, a highly toxic chemical, when a flame retardant was mixed accidentally with livestock feed.[8] It is estimated that more than 80% of the nation's population have measurable pesticide residues in their bodies.

Public health problems may arise in connection with the transporting of hazardous substances. Each day, an estimated 180,000 chemical shipments make their way across the country.[9] During the period 1971 to 1980, there were 111,293 incidents of hazardous material spills during transport reported to the United States Department of Transportation, resulting in 248 deaths and 6,873 injuries.[10]

The Need for Right-to-Know Legislation

Workers and the general public may often be in the best position to discover possible health problems associated with exposure to harmful substances, provided that they are aware of the chemical identity of the offending substance.

Awareness of the nature and identity of toxic substances may help affected persons obtain prompt medical care and, in appropriate instances, pursue legal remedies under pertinent state worker compensation and federal programs. Information about exposure to hazardous substances may further assist affected persons in making informed decisions about where they wish to work and live. Without such information, individuals may be unable to make reasonable decisions about prevention or compensation.

In the author's opinion, industry, government, and other

possible sources of hazardous substances should be legally obligated to provide pertinent information about possible hazardous exposures in terms that are plainly understandable to lay persons.[8]

North Carolina Right-to-Know Legislation

Communication. The North Carolina Hazardous Chemicals Right to Know Act provides several mechanisms for communicating information about hazardous chemicals to affected workers as well as community residents. It states that employers using, storing, or producing hazardous chemicals shall compile a "hazardous substance list"; that list shall contain specific information including the chemical names, the approximate range of quantity of each chemical normally stored at the facility, and the area of the facility in which the chemical is normally stored; that the list shall be updated at least annually; and that the list shall include only chemicals used or stored in North Carolina.

Another communication mechanism specified in the Act is the material safety data sheet. In general, the sheets are written documents containing information about hazardous substances. Chemical manufacturers and distributors must provide material safety data sheets to manufacturing and non-manufacturing purchasers of hazardous chemicals in North Carolina for each hazardous chemical purchased. Employers must maintain the most current material safety data sheet received from the manufacturer or distributor for each hazardous chemical purchased.

Labels are a further communication mechanism specified in the Act. "Labels" are any written, printed, or graphic material displayed on or affixed to containers of hazardous chemicals. Existing labels on incoming containers of hazardous chemicals may not be removed. All containers of hazardous substances must be clearly designated as hazardous.

Trade secrets. An employer who believes that certain information required under the North Carolina right-to-know law constitutes a "trade secret," or might possibly confer advantage on a competitor, may withhold the information, provided that the following conditions are met: hazard information on any chemical, the identity of which is claimed as a hazardous substance trade secret, must be provided to the Fire Chief; and the employer must file claim that the information is a hazardous substance trade secret.

Trade secrecy privileges are breachable, however. In situations where a treating health care provider determines that a medical emergency exists and the specific chemical identity of a hazardous chemical is necessary for emergency or first-aid treatment, the employer is required immediately to disclose the specific chemical identity of any present hazardous substance to the treating health care provider, regardless of whether there is a written statement of need for the information or a confidentiality agreement with the physician. However, the employer may require of the physician a written statement of need and a confidentiality agreement as soon as circumstances permit.

In a non-emergency situation, a chemical employer must, upon request, disclose a specific chemical identity otherwise permitted to be withheld, to a health professional providing medical or other occupational health services to exposed persons, if the request is in writing and states the medical need for the information. The employer may require that the health provider sign a confidentiality agreement prior to releasing the information.

Community-oriented provisions. As many as 40 to 50 million Americans may have been exposed to one or more of the hazardous chemicals regulated by the federal Occupational Safety and Health Administration (OSHA).[6] In the Author's view, it is therefore very important for a state right-to-know law to contain provisions specifically extending right-to-know protection to community residents.

The North Carolina law provides, in fact, that any person in North Carolina may request in writing from an employer a list of chemicals used or stored at that employer's facility. The request must include the name and address of the person making the request and a statement of the purpose for the request. At a minimum, the employer must furnish to the person making the request a list of all stored chemicals that are on the hazardous substance list, including the class of each. In addition, the employer must furnish a material safety data sheet for each chemical for which one is available and is requested.

Federal Hazard Communication

A "hazard communication" was published in the *Federal Register* in November, 1983.[2] The communication requires chemical manufacturers and importers to assess the hazards of the chemicals that they produce or import. Employers having workplaces in the manufacturing division must provide information to their employees about hazardous chemicals by means of hazard communication programs, including material safety data sheets, labels, training, and access to written records.

The federal communication, in the author's opinion, inadequately protects the public health. The communication explicitly covers a floor of only about 600 substances.[11] In contrast, the number of substances covered under various state right-to-know laws ranges from 300 to nearly 30,000.[12] The federal communication applies to an estimated 14 million workers in 300,000 manufacturing establishments.[13] In 1978, employees in manufacturing accounted for less than 30% of total employment.[6] About 60 million workers are unprotected by the hazard communication.[14] OSHA's estimate is that 54% of chemical-related occupational illnesses in 1981 occurred in manufacturing.[11]

A coalition of groups, including the Public Citizen Health Research Group, have challenged the federal communication on various grounds, including what they call its arbitrariness and capriciousness in failing to provide workers with adequate information about hazards they may be exposed to in the workplace. A May, 1985 federal court decision determined in part that the federal hazard communication preempts state hazard disclosure laws with respect to disclosure to employees in manufacturing.[15] The decision further states that there is evidence that workers in sectors other than manufacturing are exposed to the hazards associated with the use of toxic substances. The U.S. Secretary of Labor was directed by the court to reconsider the application of the federal communication to

employees in other, or non-manufacturing, sectors, and to order its application to other sectors unless the Secretary could state reasons why such application would not be feasible.

Community-oriented provisions in the North Carolina law should not be preempted by the federal communication. The Secretary's mandate under the Occupational Safety and Health Act extends only to assuring so far as possible every working man and woman in the nation safe and healthful working conditions. Thus, matters affecting public health but outside the workplace are not within OSHA's jurisdiction. The North Carolina law anticipates preemption problems insofar as it specifies that its provisions are severable.

The state law further contains a provision for the preemption of local right-to-know regulations. The General Assembly's intent is to prescribe a uniform system for the disclosure of information about hazardous chemicals. All units of local government in North Carolina are therefore preempted from exercising their powers to require disclosure of such information by employers to any members of the public, or to any branch of state or local government in any manner other than as provided in the state's right-to-know law.

Conclusion

Right-to-know legislation involves major issues affecting the public health. It is therefore important for North Carolina physicians to become knowledgeable about evolving legal developments in this area.

Further effort should be directed toward revitalizing the federal hazard communication, including development of measures that will extend right-to-know protection to workers not covered by the present communication.

In the author's opinion, the local efforts of health professionals and other concerned citizens may be instrumental in ensuring the legal right of North Carolina workers and community residents to know about chemical hazards in the state.

References

1. Chapter 775 (House Bill 348), 1985 Session Laws.
2. 48 Fed. Reg. 53280 et seq. (November 25, 1983).
3. Stroud R. Firefighters face unknowns in right-to-know protection. Occu Health & Safety 1985;54:18.
4. Nelkin D, Brown M. Knowing about workplace risks: workers speak out about the safety of their jobs. Science for the People 1984;16:17-22.
5. Regenstein L. The toxics boomerang. Environment 1983;25:36.
6. 47 Fed. Reg. 12092 et seq. (March 19, 1982).
7. Basgall M. Chemical industry spills, hazards spawned right-to-know proposals. The News and Observer, Raleigh, February 24, 1985, p. 31A.
8. Compensation for and prevention of community environmental disease (Policy Statement adopted by the Governing Council of the American Public Health Association, November 14, 1984). AJPH 1985;75:302-5.
9. Aydelotte C. Bhopal tragedy focuses on changes in chemical industry. Occu Health & Safety 1985;54:33.
10. Wanke LA. Toxic chemical spills. Topics in Emergency Medicine 1985;7:9.
11. Increasing worker and community awareness of toxic hazards in the workplace (Policy Statement adopted by the Governing Council of the American Public Health Association, November 14, 1984). AJPH 1985;75:305-8.
12. Himmelstein JS, Frumkin H. The right-to-know about toxic exposures. N Engl J Med 1985;312:687.
13. McElveen JC. Despite pre-emption threat local right-to-know laws increase. Occu Health & Safety 1985;54:20.
14. OSHA rules for wrong reason. Unsigned editorial, Philadelphia Inquirer, November 26, 1983, p. 8A.
15. United Steelworkers of America v. Auchter, et al., No. 83-3554 (May 24, 1985).

National Hospice Month

Governor James Martin has designated November, 1986 as National Hospice Month in North Carolina. "Hospice, a Special Kind of Caring" is the theme.

Hospice is an interdisciplinary program that provides palliative and supportive services for the terminally ill and their families.

1986 marks the tenth anniversary for Hospice of North Carolina. During the past decade local hospice organizations have been offering physical, emotional and spiritual support to patients and their families. Under the direction of a physician, 4,000 staff members and volunteers cared for almost 2,745 patients and family members. Sixty-four local communities are affiliated with Hospice of North Carolina; 59 of these provide care. Hospice care is offered in 75 counties in our state, with 18 other counties developing programs for their citizens.

Among activities scheduled for National Hospice Month are three public service announcements, one for television, filmed by Susan Sullivan of "Falcon Crest," and two for radio, taped by our own North Carolina First Lady Dorothy Martin and Duke Basketball Coach Mike Krzyzewski. Hospital administrators throughout the state are available for interviews about the role of hospice care in North Carolina, as an alternative to traditional forms of care for the terminally ill.

Hospice Month honors a movement, a program, and the dedicated people who provide competent and compassionate care across the country and the state of North Carolina.

There are more than 64 hospices in the North Carolina area meeting the needs of both patients and their families. To find out more about hospice or how you can help please call state telephone number 1-800-662-8859.

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John Borden Graham: Scholar, Educator, Humanitarian

George D. Penick, M.D.

I first encountered John Graham when I returned from active military duty and joined the embryonic Department of Pathology at Chapel Hill in 1949. Doctor Brinkhous, head of the pathology department, housed his two young instructors in one office. John and I must have proven to be instantly compatible roommates, for we shared that office until it was obliterated when Memorial hospital was tied into McNider Hall. I believe the office is now part hallway and part elevator shaft.

John very quickly became for me a mentor. In Greek mythology, Mentor, as you probably know, was the loyal friend and adviser of Odysseus, the hero of Homer's epic poem and perhaps better known by his Latin name, Ulysses. John did indeed become my loyal friend and adviser. John was a few years older, had been a faculty person for about three years, and had already begun to analyze and master many of the intricacies of academic life.

He also introduced me to the laboratory. I joined him in studying the disappearance of anti-hemophilic factor in clotting blood and plasma, employing the laborious two-stage prothrombin utilization procedure to assay levels of anti-hemophilic factor. This was my first hands-on experience in experimental pathology.

In all honesty, I must say that John did not always infallibly supply the ideal role model. One incident for which we remember him was the day he was attempting to perform a venipuncture on one of our experimental Irish Setters. The dog cooperated, as the dogs usually did; for to them, having a venipuncture performed on their external jugular veins was a time for personal attention. The veins were invitingly distended that day, but luck was not with John. After repeated failures at obtaining blood, he abruptly ended the day's experiment by throwing away the syringes and storming out of the laboratory. Unknown to me was the fact that he had suffered similar indignity when attempting to draw a blood sample from his mother-in-law's arm. In that case, his venipuncture failures were reprimanded when she said "I know mothers-in-law are problems, but this is carrying things too far!"

Much in Common

John's superior knowledge of mathematics quickly shamed me into enrolling in undergraduate courses in analytical geometry and calculus as well as other basic science disciplines. As time went by, John and I realized we had many common interests other than our attachment to pathology and blood coagulation. We frequently agreed, but even when we disagreed the experience was enriching; for the art of debate is a valuable one, and one has to develop a lot of debating artistry to be able to put a small dent in a John Graham conviction. John really was never at a loss for words. When Ruby Graham, Alice Langdell and my wife Marguerite would come to the medical school to pick up their husbands after a day's work, they could always locate us in the department by simply following the sound of John's voice through the halls.

His children remember his loquacity. John had a map prominently displayed on the wall next to the breakfast area. The children would dissolve into silent despair whenever John produced a pointer and began to lecture on geography. Their reaction was capsulized in a remark made by his daughter Virginia when she was in the fourth grade. She had heard the word "hemophilia" being batted about. She approached her mother with the question, "What is hemophilia?" Mrs. Graham attempted to explain to the best of her ability, but ended by suggesting she go and ask her father. Virginia's response was, "I don't want to know *that* much about it!"

If you knew my own family and household, you could begin to appreciate how this reflects how much John and I have in common. To begin with, we always have shared our love of maps, especially topographic maps. And I have to admit that I, too, have received many a later reprimand from my own children for my breakfast-table lectures; only mine happened to be on works of art, a subject I now happily watch them embrace in their adult years.

John and I shared a common North Carolina heritage and numbers of mutual friends; we shared an abiding love for Chapel Hill and the University of North Carolina; we shared a love and admiration for two physicians who had an early but strong influence on our respective professional lives. One was the man who had introduced us both to the subject of pathology, Doctor James B. Bullitt. He had taught each of us during our sophomore courses in pathology. By this time, of course, Doctor Bullitt was essentially inactive professionally, but came to the office regularly, usually bringing a cluster of flowers that he presented to the women in the department. John did a better job than I, though, of perpetuating "Gentleman Jim's" memory when he took up Doctor Bullitt's hobby of wood-carving. His wood shavings were just as messy as Gentleman Jim's ever were, and whittling and sanding noises continued to disturb conferences.

From the Department of Pathology, University of Iowa, Iowa City, IA 52242

The other person for whom we had strong mutual respect was Doctor Walter Reece Berryhill. Doctor Berryhill had been influential in both John's and my decisions to attend the UNC School of Medicine for the first two years of our medical training. He had taught us Physical Diagnosis and personally presided over our transfers to other medical schools for completion of the clinical years. He played a significant role in our decisions to return to Chapel Hill to initiate our academic careers. I think John and I shared feelings of awe, respect and even some fear of Doctor Berryhill and we both looked at him as something of a father figure. But John also had the respect of Doctor Berryhill and was frequently called on to advise and participate in administrative decisions. In my opinion, much of Doctor Berryhill's administrative competence and attitudes rubbed off on the young John Graham.

John and I were interested in social and political issues; we shared religious convictions and were at that time active participants in the lives of our respective churches. Early on, we teamed up on poor Doctor Brinkhous who tried to perpetuate his own training under Doctor H. P. Smith; he wanted to schedule our weekly Research Conference during church service hours on Sunday morning. Neither John nor I thought that to be very compatible with what we saw as our family responsibilities. Doctor Brinkhous graciously rescheduled the conference.

Traveling Companions

My learning from John continued as we began to be frequent co-travellers to scientific meetings in various parts of the world. I went to my first Federation Meeting with John, in New York City, and it was certainly a learning experience. Having gone to medical school at Cornell, John was very familiar with New York. I, on the other hand, had lived mainly in more civilized communities with Southern customs and manners. Since we had only very limited travel funds, we elected to dine at an Automat. Politely, I allowed myself to be pushed aside repeatedly by more aggressive natives. John assessed the situation and blurted, "For heaven sakes, George, you're gonna starve to death." He gave a demonstration of the effective use of elbows in the assertion of one's equal rights in a queue.

On another occasion, John and I were departing London to return home at a time when flights were much more limited in number than they are today. Those were prejet days. When we arrived at Heathrow, we were frantically greeted by airline personnel who hustled us out onto the runway, where our plane was beginning to taxi for takeoff. They had changed flight time to an hour earlier and had failed to notify us. From that experience, I adopted John's system of trying to arrive at a terminal at least an hour before departure time.

John introduced me to the folksy magnificence of Tivoli Gardens in Copenhagen. Once, on a flight from LaGuardia airport, the air compression system on the aircraft failed and we had to descend and hedgehop into Raleigh-Durham. Perhaps the only thing I learned from that last experience was that dire situations can seem less threatening after a drink or two. I think I remember John's commenting after we landed that, in more ways than one, that flight had certainly been a series of ups and downs.

Scholarship

John was a scholar in every sense of the word and continues to be so to this day. His ability to share effectively his creative scholarship with the world is well attested by over 221 publications, according to my noncurrent copy of his bibliography. His scholastic and leadership talents were recognized early on when he became the school's first Markle Scholar in Medical Science, and that in a period when scholarships and fellowships were a real rarity. The Markle Foundation had initiated the program to fill the void they recognized in financial support for young medical academicians.

As a scholar, John has exhibited that productive mingling of the qualities of curiosity, imagination, and healthy skepticism that lead to critical evaluation of one's own work as well as that of others. We could probably cite any of his numerous publications as an example, but let me illustrate with the article he and Emily Barrow wrote — "The Pathogenesis of Hemophilia" — in 1957.[1]

At that time we, as well as most of the so-called "clotters," held the view that hemophilia was caused by a deficiency in a plasma substance which we called "antihemophilic factor." However, an alternative explanation had been repeatedly suggested by Doctor Leandro M. Tocantins of the Jefferson Medical College in Philadelphia. Instead of explaining the clotting defect in hemophilia in terms of a deficiency of a procoagulant, he hypothesized an excess of inhibitor substance he termed "Anti-cephalin." His idea was based in part on the observation that, upon dilution of hemophilic plasma, the hypothetical inhibitory effects would be lessened and the cephalin clotting time of hemophilic plasma would approach that of normal plasma.

Doctor Tocantins was a well respected investigator in the field, but that only challenged John Graham. Through a carefully designed series of experiments, John and Emily first repeated and then modified Doctor Tocantins's experiments with meticulous thoroughness. The upshot of their investigation was that the Tocantins results were an experimental artifact related to the excessive ionic strength of the anticoagulant employed. The Graham-Barrow paper quietly laid to rest the anti-cephalin hypothesis.

Prescience is a quality that has characterized John's scholarship throughout his career. As a matter of fact I recall that it was John who first introduced me to the word "prescience," defined as having the foreknowledge of the outcome of events before they happen. And his work through the years has supplied many an example of this trait. I, as well as many others, failed to appreciate his vision of the all-important role that medical genetics would play in our understanding of human disease in the years to come. And yet from those early breeding experiments in the hemophilic dog colony, by constantly staying abreast of the explosive knowledge in cell biology, John has brought the genetics of blood coagulation to a scientific pinnacle. His brief review in *Blood* last year on some limitations in the "Application of Molecular Genetics to Prenatal Diagnosis and Carrier Detection in the Hemophilias" has been described as a classic in scientific writing.[2]

Man of Many Talents

In true academic fashion, John has applied his innovative talents to his role as an educator. As you know it was he who initiated the first formal course in Genetics into the medical school curriculum in 1954, after he had returned from studying under Doctor James Neel at Ann Arbor, Michigan. And from this modest beginning has evolved the current Graduate Training Program in Genetics with its impressive track record of 54 doctorates and 12 Master's degrees.

The evolution of the genetics program is a supreme example of how John's talents extend to complete the traditional third leg of the academic stool, namely the talent of administration. Despite his early decision to reject the role of department chairman, his abilities to get the right people together at the right time and place in order to accomplish an objective are uncanny. His applications of these skills through the years have resulted in major contributions to this institution. He is able to evaluate the people appropriate to work on a task without allowing himself to be shackled by traditional measures of eligibility such as degrees, departmental boundaries, or even institutional borders. He is interested in people and has a keen insight into their abilities or non-abilities as the case may be.

Those of you familiar with his delightful editorial on administration in a 1984 issue of the *North Carolina Medical Journal* are familiar with his pithy advice to "Devote your energies to selecting superior personnel. It is more rewarding and less traumatic than getting rid of inferior ones."[3] In fact, I recommend that anyone contemplating the assumption of a major administrative position place a copy of these "Words of Wisdom from John Graham" in his or her billfold or some other readily accessible site, where they can be referred to often. The article relates in clever, humorous style the features of good administration that he has learned through the years to be of value: promptness, accuracy, foresight, fairness and loyalty. Some of these are administrative qualities that I suspect John learned to appreciate early on while working with Doctor Berryhill, for Doctor Berryhill was also noted for his integrity, his responsiveness to the needs of people, and his ability to judge people. After all, he did hire secretary Sarah Virginia "Peaches" Dunlap.

Reading John's editorial brought back to me many memories of sitting in his office discussing a particular situation or problem about which I was seeking his advice. No problem seemed too trivial or too complex for him to be willing to listen and constructively share insights. That is why nearly everyone in the school sought his consultation. To think how many decisions in this institution might have gone otherwise without John Graham's influence! No wonder it was to John that Chancellor Sharpe turned in 1965 to organize a University response to the recognized threat to humankind posed by the exponential population explosion. By coordinating existing UNC programs and stimulating others, John Graham birthed the Carolina Population Program, which has trained numerous graduate students in the population field and has even done much to facilitate training programs throughout the world. To me, this accomplishment is a perfect example not only of the impact that John's organizational abilities have had on society, but of the way he can envision and then follow through on concerns for the important problems that face humankind.

Another example of John's sensitivity comes from the crisis that hit the UNC campus during the winter of 1969, when the university committed itself to finding jobs for about 62 workers who had been displaced during the so-called "Saga Strike." John responded to Dean Taylor's request that he assume chairmanship of a committee to design and implement a "Technical Training Course" that would enable some of these workers to move into jobs in medical laboratories. A variety of people participated in the program, but I personally recall the thoughtfulness and dedication with which John mobilized financial support and helped to develop this course into a novel, compassionate and effective instrument for meeting the needs of the university as well as of the displaced workers. I left Chapel Hill as the program was being developed, but with a sense of pride that our university had been concerned and bold enough to recognize and respond to the needs of its diverse community during that troubled decade.

I hasten to point out that John's concerns for human need are certainly not limited to societal problems in a global sense. Those who know him best of all have been impressed by his response to the needs and problems of the individual. Again, in relation to the tumult of the 1960s, I used to admire the way he would go all out in support of young people in trouble. And I personally know of several whom he successfully redirected from wayward to constructive lives. This reflects his neverending care for people.

Fireworks

One would not be true to reality if one did not acknowledge that most of us who have known John Graham have at sometime or another experienced an apparent harshness in his response to a particular person or situation. In the face of the sterling characteristics that I have described, this might suggest a certain personality incongruity. But to those who know John well, these periodic emotional explosions make sense, and even contribute to his long list of worthy qualifications. Let me explain.

I think John would be the first to admit that, despite a small physical stature, he has the ability to instill fear and trembling in an unsuspecting victim. I say this in part because of a delightful anecdote that was shared with me after the occasion of his mother's eightieth birthday. John was official toastmaster. In his loving attestations to the fine qualities of his mother, he referred to the fact that "She does not suffer fools gladly." This was in reference to Mrs. Graham's ability to be quite open in expressing her disapproval of a given idea or action that did not measure up to her standards. I'm confident that John is aware that he acquired from his mother a similar tendency to voice his disapprobation should the situation demand it. He doesn't hesitate to let one know that he condemns anything that reflects incompetence, irresponsibility, inaccuracy or slovenliness, or anything that falls short of the standards of excellence that he has set for himself. What more appropriate qualification could be possessed

by one who has devoted his life to being a scholar and educator?

But John goes on to embellish these abilities by having and by exhibiting a genuinely caring attitude for those with whom he is thrown in: his family, his friends, his colleagues, his staff members and his protégés. All who work closely with him have come to appreciate his intense loyalty. He is there supporting them whenever illness, death, injustice or any other calamity strikes. I suspect each of us could supply illustrations of these remarkable traits from our experiences with John. It is largely these traits that justify his being called a "humanitarian" in all senses of the word.

The Philosopher

John and I have maintained contact of sorts through the sixteen years since I left Chapel Hill. Whenever opportunity has afforded it, we have visited each other's homes and campuses. But because of the lapses in our frequent contacts, I especially enjoyed discovering several of his articles through the years that have revealed — or better, substantiated — the ideas and philosophies that I think make this man tick. Several of these articles have been published in the *North Carolina Medical Journal*.

As early as 1958, John began to share some of his philosophical convictions in an article he wrote on "Dehumanization — The Real Flaw in Socialized Medicine,"[4] representing remarks he had earlier addressed to the General Session of the North Carolina Medical Society. He revealed having been considerably influenced by "Existentialism," that body of thought that attempts to philosophize from the standpoint of the individual as actor, rather than, as in classical philosophy, from that of the detached spectator. To paraphrase John, a problem is "existential" when it is real and when it impinges directly on us: moreover, it contains elements of both good and bad, but nevertheless demands a decision. John responded especially to the thoughts of Karl Jaspers, a German existentialist-physician at Heidelberg and Basel, and he cogently argued that the then evolving impersonal methods of practicing medicine that disrupted the personal doctor-patient relationship tended to dehumanize, not only the patient, but the physician as well. Again exhibiting prescience, John predicted many of the adverse effects on medical practice that we have watched develop over the subsequent 28 years as this dehumanization process has accelerated.

One of the most telling articles bearing on what makes John Graham be John Graham again appeared in the *North Carolina Medical Journal* and was entitled "Acceptance of Death — Beginning of Life."[5] In this brief article, he applies his existentialist thinking to the question, "What does it mean to know that I am going to die?" In existentialist thought, a "person cannot really begin to live until he has squarely faced and accepted the fact that he is going to die." He quotes German existentialist philosopher Martin Heidegger: "The taking of death into myself is liberating: it frees me from servitude to petty cares that threaten to engulf my daily life and opens me to the essential projects by which I make my life personally and significantly my own." John sincerely embraces this outlook. He confesses that "since 1944 I have lived each day as though it were my last, because I know that one of them is going to be my last. . . . Things that were formerly important have become trivial. The mask that I hide behind has been discarded and I can try to be myself." That John harbors and lives these convictions can be attested externally. I remember once, many, many years ago, when he said to me that his father had died in his early forties, (I believe his grandfather had also died young), and that when he, John, had surpassed a corresponding age he felt that each day he lived was that much of a bonus. And, it is my understanding from those who knew him before I did, after World War II, he truly did discard a mask under which he had earlier hidden and became the self-confident, open person that we have all come to admire so much.

John continues to apply these mature, constructive attitudes toward his life. He continues to apply effectively his scientific competence to the world of medical science. But this is not an all-consuming pursuit, for a number of other recent articles demonstrate simultaneous application of his philosophical conviction to such subjects as the ethical ramifications of the current fields of family planning, cardiovascular disease and human experimentation. Would that more physicians could be so well-rounded.

I sincerely hope that these observations and comments will convey in some way what sort of person I think John Borden Graham to be and why I have enjoyed this opportunity to write about my "loyal friend and adviser."

References

1. Graham JB, Barrow E. The pathogenesis of hemophilia.J Exper Med 1957;106:273-92.
2. Graham JB. Application of molecular genetics to prenatal diagnosis and carrier detection in the hemophilias. Blood 1985;66:759-64.
3. Graham JB. Words of wisdon from John Graham. NCMJ 1984;45:325-6.
4. Graham JB. Dehumanization: the real flaw in socialized medicine. NCMJ 1958;16:217-21.
5. Graham JB. Acceptance of death — beginning of life. NCMJ 1963:24:317-9.

YEARS

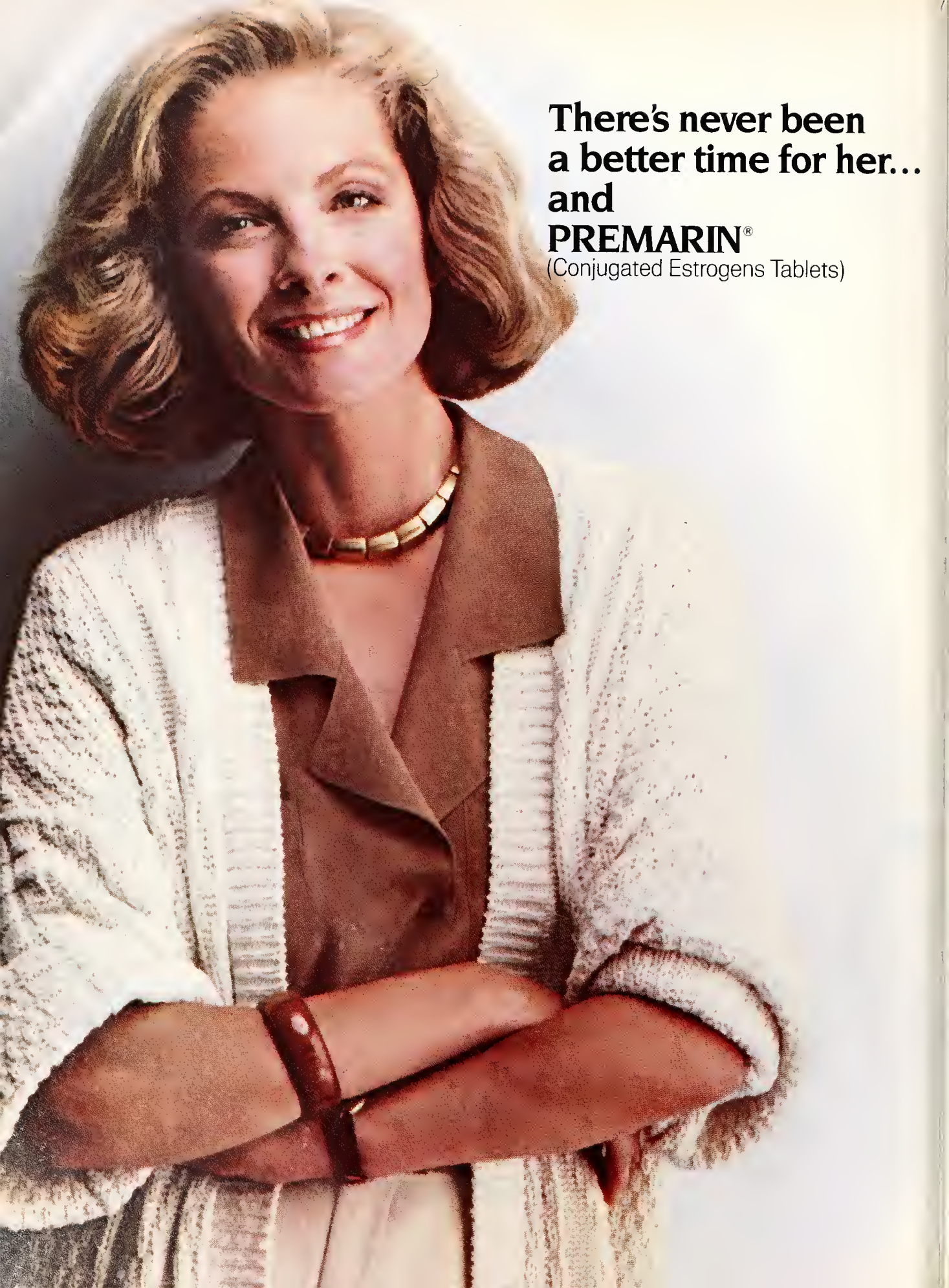
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Endometrial hyperplasia was significantly reduced when progestin was added to PREMARIN therapy for more than ten days a month.[1-4] The risk of endometrial hyperplasia may also be reduced through cyclic administration of unopposed, low-dose PREMARIN.

Effect on lipids—an important feature

PREMARIN used alone does not adversely affect lipid levels. In fact, a clinical study has shown a significant increase in HDL cholesterol—from 49.7 mg/dL to 56.4 mg/dL—and decrease in LDL cholesterol—from 165.1 mg/dL to 138.1 mg/dL—after one year of therapy with PREMARIN, 0.625 mg.[5]

Low-dose control of menopausal symptoms*

PREMARIN effectively relieves vasomotor symptoms, such as hot flashes. When estrogen deficiency is limited to atrophic vaginitis, PREMARIN® (conjugated estrogens) Vaginal Cream restores the vaginal environment to its premenopausal state.

The most widely used, most extensively studied estrogen worldwide.

PREMARIN®
(Conjugated Estrogens Tablets)

Most trusted for more reasons

*PREMARIN is indicated for moderate-to-severe vasomotor symptoms.

Please see following page for brief summary of prescribing information.

For moderate-to-severe vasomotor symptoms

PREMARIN®
(Conjugated Estrogens Tablets)



0.3 mg 0.625 mg 0.9 mg 1.25 mg 2.5 mg

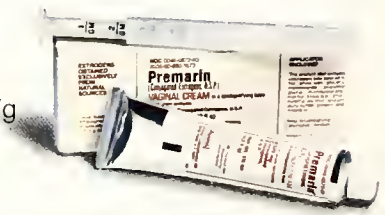
The appearance of these tablets is a trademark of Ayerst Laboratories.

For atrophic vaginitis

PREMARIN®
(Conjugated Estrogens)

Vaginal Cream

0.625mg/g



BRIEF SUMMARY *(FOR FULL PRESCRIBING INFORMATION AND PATIENT INFORMATION, SEE PACKAGE CIRCULARS.)*

PREMARIN® Brand of conjugated estrogens tablets, USP
PREMARIN® Brand of conjugated estrogens Vaginal Cream in a nonliquefying base

1. ESTROGENS HAVE BEEN REPORTED TO INCREASE THE RISK OF ENDOMETRIAL CARCINOMA

Three independent case control studies have reported an increased risk of endometrial cancer in postmenopausal women exposed to exogenous estrogens for more than one year. This risk was independent of the other known risk factors for endometrial cancer. These studies are further supported by the finding that incidence rates of endometrial cancer have increased sharply since 1969 in eight different areas of the United States with population-based cancer reporting systems, an increase which may be related to the rapidly expanding use of estrogens during the last decade. The three case control studies reported that the risk of endometrial cancer in estrogen users was about 4.5 to 13.9 times greater than in nonusers. The risk appears to depend on both duration of treatment and on estrogen dose. In view of these findings, when estrogens are used for the treatment of menopausal symptoms, the lowest dose that will control symptoms should be utilized and medication should be discontinued as soon as possible. When prolonged treatment is medically indicated, the patient should be reassessed on at least a semiannual basis to determine the need for continued therapy. Although the evidence must be considered preliminary, one study suggests that cyclic administration of low doses of estrogen may carry less risk than continuous administration; it therefore appears prudent to utilize such a regimen. Close clinical surveillance of all women taking estrogens is important. In all cases of undiagnosed persistent or recurring abnormal vaginal bleeding, adequate diagnostic measures should be undertaken to rule out malignancy. There is no evidence at present that "natural" estrogens are more or less hazardous than "synthetic" estrogens at equiestrogenic doses.

2. ESTROGENS SHOULD NOT BE USED DURING PREGNANCY

The use of female sex hormones, both estrogens and progestogens, during early pregnancy may seriously damage the offspring. It has been shown that females exposed in utero to diethylstilbestrol, a non-steroidal estrogen, have an increased risk of developing in later life a form of vaginal or cervical cancer that is ordinarily extremely rare. This risk has been estimated as not greater than 4 per 1,000 exposures. Furthermore, a high percentage of such exposed women (from 30% to 90%) have been found to have vaginal adenosis, epithelial changes of the vagina and cervix. Although these changes are histologically benign, it is not known whether they are precursors of malignancy. Although similar data are not available with the use of other estrogens, it cannot be presumed they would not induce similar changes. Several reports suggest an association between intrauterine exposure to female sex hormones and congenital anomalies, including congenital heart defects and limb reduction defects. One case control study estimated a 4.7-fold increased risk of limb reduction defects in infants exposed in utero to sex hormones (oral contraceptives, hormone withdrawal tests for pregnancy, or attempted treatment for threatened abortion). Some of these exposures were very short and involved only a few days of treatment. The data suggest that the risk of limb reduction defects in exposed fetuses is somewhat less than 1 per 1,000. In the past, female sex hormones have been used during pregnancy in an attempt to treat threatened or habitual abortion. There is considerable evidence that estrogens are ineffective for these indications, and there is no evidence from well controlled studies that progestogens are effective for these uses. If PREMARIN is used during pregnancy, or if the patient becomes pregnant while taking this drug, she should be apprised of the potential risks to the fetus, and the advisability of pregnancy continuation.

DESCRIPTION: PREMARIN (conjugated estrogens, USP) contains a mixture of estrogens, obtained exclusively from natural sources, blended to represent the average composition of material derived from pregnant mares' urine. It contains estrone, equilin, and 17α-dihydroequilin, together with smaller amounts of 17α-estradiol, equilenin, and 17α-dihydroequilenin as salts of their sulfate esters. Tablets are available in 0.3 mg, 0.625 mg, 0.9 mg, 1.25 mg, and 2.5 mg strengths of conjugated estrogens. Cream is available as 0.625 mg conjugated estrogens per gram.

INDICATIONS AND USAGE: PREMARIN (conjugated estrogens tablets, USP): Moderate-to-severe *vasomotor* symptoms associated with the menopause. (There is no evidence that estrogens are effective for nervous symptoms or depression without associated vasomotor symptoms and they should not be used to treat such conditions.) **Osteoporosis (abnormally low bone mass).** Atrophic vaginitis. Kraurosis vulvae. Female castration.

PREMARIN (conjugated estrogens) Vaginal Cream is indicated in the treatment of atrophic vaginitis and kraurosis vulvae. PREMARIN HAS NOT BEEN SHOWN TO BE EFFECTIVE FOR ANY PURPOSE DURING PREGNANCY AND ITS USE MAY CAUSE SEVERE HARM TO THE FETUS (SEE BOXED WARNING).

Concomitant Progestin Use: The lowest effective dose appropriate for the specific indication should be utilized. Studies of the addition of a progestin for 7 or more days of a cycle of estrogen administration have reported a lowered incidence of endometrial hyperplasia. Morphological and biochemical studies of the endometrium suggest that 10 to 13 days of progestin are needed to provide maximal maturation of the endometrium and to eliminate any hyperplastic changes. Whether this will provide protection from endometrial carcinoma has not been clearly established. There are possible additional risks which may be associated with the inclusion of progestin in estrogen replacement regimens. (See PRECAUTIONS.) The choice of progestin and dosage may be important; product labeling should be reviewed to minimize possible adverse effects.

CONTRAINDICATIONS: Estrogens should not be used in women (or men) with any of the following conditions: 1. Known or suspected cancer of the breast except in appropriately selected patients being treated for metastatic disease. 2. Known or suspected estrogen-dependent neoplasia. 3. Known or suspected pregnancy. (See Boxed Warning.) 4. Undiagnosed abnormal genital bleeding. 5. Active thrombophlebitis or thromboembolic disorders. 6. A past history of thrombophlebitis, thrombosis, or thromboembolic disorders associated with previous estrogen use (except when used in treatment of breast or prostatic malignancy).

WARNINGS: Long-term continuous administration of natural and synthetic estrogens in certain animal species increases the frequency of carcinomas of the breast, cervix, vagina, and liver. There are now reports that estrogens increase the risk of carcinoma of the endometrium in humans. (See Boxed Warning.) At the present time there is no satisfactory evidence that estrogens given to postmenopausal women increase the risk of cancer of the breast, although a recent study has raised this possibility. There is a need for caution in prescribing estrogens for women with a strong family history of breast cancer or who have breast nodules, fibrocystic disease, or abnormal mammograms. A recent study has reported a 2- to 3-fold increase in the risk of surgically confirmed gallbladder disease in women receiving postmenopausal estrogens.

Adverse effects of oral contraceptives may be expected at the larger doses of estrogen used to treat prostatic or breast cancer or postpartum breast engorgement; it has been shown that there is an increased risk of thrombosis in men receiving estrogens for prostatic cancer and women for postpartum breast engorgement. Users of oral contraceptives have an increased risk of diseases, such as thrombophlebitis, pulmonary embolism, stroke, and myocardial infarction. Cases of retinal thrombosis, mesenteric thrombosis, and optic neuritis have been reported in oral contraceptive users. An increased risk of postsurgery thromboembolic complications has also been reported in users of oral contraceptives. If feasible, estrogen should be discontinued at least 4 weeks before surgery of the type associated with an increased risk of thromboembolism, or during periods of prolonged immobilization. Estrogens should not be used in persons with active thrombophlebitis, thromboembolic disorders, or in persons with a history of such disorders in association with estrogen use. They should be used with caution in patients with cerebral vascular or coronary artery disease. Large doses (5 mg conjugated estrogens per day), comparable to those used to treat cancer of the prostate and breast, have been shown to increase the risk of nonfatal myocardial infarction, pulmonary embolism and thrombophlebitis. When doses of this size are used, any of the thromboembolic and thrombotic adverse effects should be considered a clear risk.

Benign hepatic adenomas should be considered in estrogen users having abdominal pain and tenderness, abdominal mass, or hypovolemic shock. Hepatocellular carcinoma has been reported in women taking estrogen-containing oral contraceptives. Increased blood pressure may occur with use of estrogens in the menopause and blood pressure should be monitored with estrogen use. A worsening of glucose tolerance has been observed in patients on estrogen-containing oral contraceptives. For this reason, diabetic patients should be carefully observed. Estrogens may lead to severe hypercalcemia in patients with breast cancer and bone metastases.

PRECAUTIONS: Physical examination and a complete medical and family history should be taken prior to the initiation of any estrogen therapy with special reference to blood pressure, breasts, abdomen, and pelvic organs, and should include a Papanicolaou smear. As a general rule, estrogen should not be prescribed for longer than one year without another physical examination being performed. Conditions influenced by fluid retention such as asthma, epilepsy, migraine, and cardiac or renal dysfunction, require careful observation. Certain patients may develop manifestations of excessive estrogenic stimulation, such as abnormal or excessive uterine bleeding, mastodynia, etc. Prolonged administration of unopposed estrogen therapy has been reported to increase the risk of endometrial hyperplasia in some patients. Oral contraceptives appear to be associated with an increased incidence of mental depression. Patients with a history of depression should be carefully observed. Preexisting uterine leiomyomata may increase in size during estrogen use. The pathologist should be advised of estrogen therapy when relevant specimens are submitted. If jaundice develops in any patient receiving estrogen, the medication should be discontinued while the cause is investigated. Estrogens should be used with care in patients with impaired liver function, renal insufficiency, metabolic bone diseases associated with hypercalcemia, or in young patients in whom bone growth is not complete. If concomitant progestin therapy is used, potential risks may include adverse effects on carbohydrate and lipid metabolism.

The following changes may be expected with larger doses of estrogen:

a. Increased sulfobromophthalein retention.

b. Increased prothrombin and factors VII, VIII, IX, and X; decreased antithrombin 3; increased norepinephrine-induced platelet aggregability.

c. Increased thyroid binding globulin (TBG) leading to increased circulating total thyroid hormone, as measured by PBI, T4 by column, or T4 by radioimmunoassay. Free T3 resin uptake is decreased, reflecting the elevated TBG; free T4 concentration is unaltered.

d. Impaired glucose tolerance.

e. Decreased pregnanediol excretion.

f. Reduced response to metyrapone test.

g. Reduced serum folate concentration.

h. Increased serum triglyceride and phospholipid concentration. As a general principle, the administration of any drug to nursing mothers should be done only when clearly necessary since many drugs are excreted in human milk.

ADVERSE REACTIONS: The following have been reported with estrogenic therapy, including oral contraceptives: breakthrough bleeding, spotting, change in menstrual flow; dysmenorrhea; premenstrual-like syndrome; amenorrhea during and after treatment; increase in size of uterine fibromyomata; vaginal candidiasis; change in cervical erosion and in degree of cervical secretion; cystitis-like syndrome; tenderness, enlargement, secretion (of breasts); nausea, vomiting, abdominal cramps, bloating, cholestatic jaundice; chloasma or melasma which may persist when drug is discontinued; erythema multiforme; erythema nodosum; hemorrhagic eruption; loss of scalp hair; hirsutism; steepening of corneal curvature; intolerance to contact lenses; headache, migraine, dizziness, mental depression, chorea; increase or decrease in weight; reduced carbohydrate tolerance; aggravation of porphyria, edema; changes in libido.

ACUTE OVERDOSAGE: May cause nausea, and withdrawal bleeding may occur in females.

DOSAGE AND ADMINISTRATION:

PREMARIN® Brand of conjugated estrogens tablets, USP

1. *Given cyclically for short-term use only.* For treatment of moderate to severe *vasomotor* symptoms, atrophic vaginitis, or kraurosis vulvae associated with the menopause (0.3 to 1.25 mg or more daily). The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible. Administration should be cyclic (eg, three weeks on and one week off). Attempts to discontinue or taper medication should be made at three- to six-month intervals.

2. *Given cyclically.* Female castration. Osteoporosis. Female castration—1.25 mg daily, cyclically. Adjust upward or downward according to response of the patient. For maintenance, adjust dosage to lowest level that will provide effective control. Osteoporosis—0.625 mg daily. Administration should be cyclic (eg, three weeks on and one week off).

Patients with an intact uterus should be monitored for signs of endometrial cancer and appropriate measures taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

PREMARIN® Brand of conjugated estrogens Vaginal Cream

Given cyclically for short-term use only. For treatment of atrophic vaginitis or kraurosis vulvae.

The lowest dose that will control symptoms should be chosen and medication should be discontinued as promptly as possible.

Administration should be cyclic (eg, three weeks on and one week off).

Attempts to discontinue or taper medication should be made at three-to-six month intervals.

Usual dosage range: 2 to 4 g daily, intravaginally, depending on the severity of the condition.

Treated patients with an intact uterus should be monitored closely for signs of endometrial cancer and appropriate diagnostic measures should be taken to rule out malignancy in the event of persistent or recurring abnormal vaginal bleeding.

References:

1. Whitehead MI, Townsend PT, Pryse-Davies J, et al: Effects of estrogens and progestins on the biochemistry and morphology of the postmenopausal endometrium. *N Engl J Med* 1981;305:1599-1605. **2.** Paterson ME, Wade-Evans T, Sturdee DW, et al: Endometrial disease after treatment with oestrogens and progestogens in the climacteric. *Br Med J* 1980;280:822-824. **3.** Magos AL, Brincat M, Studd JWW, et al: Amenorrhea and endometrial atrophy with continuous oral estrogen and progestogen therapy in postmenopausal women. *Obstet Gynecol* 1985; 67: 496-499. **4.** Whitehead MI, Lane G, Siddle N, et al: Avoidance of endometrial hyperstimulation in estrogen-treated postmenopausal women. *Semin Reprod Endocrinol* 1983;1:1;41-52. **5.** Barnes RB, Roy S, Lobo RA: Comparison of lipid and androgen levels after conjugated estrogen or depo-medroxyprogesterone acetate treatment in postmenopausal women. *Obstet Gynecol* 1985;66:216-219.

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Continuing Medical Education

Please note: The Continuing Medical Education Programs at Bowman Gray, Duke, East Carolina (ECU) and UNC Schools of Medicine, Dorothea Dix, and Burroughs Wellcome Company are accredited by the American Medical Association. Therefore CME programs sponsored or cosponsored by these schools automatically qualify for AMA Category I credit toward the AMA's Physician Recognition Award, and for North Carolina Medical Society Category A credit. Where AAFP credit has been obtained, this also is indicated.

IN STATE

November 18-20

Stimulating Creativity at Work
Place: Chapel Hill
Fee: $600; $400 each for three or more
Info: William B. Wood, M.D., Office of CME, 231 MacNider 202 H, University of North Carolina School of Medicine, Chapel Hill 27514. 919/962-2118

November 19

Oncology '86: A Multimodality Approach to the Treatment of Advanced Malignant Disease of the Ovary and Head and Neck
Place: Greenville
Credit: 7 hours Category I AMA
Fee: $55
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

November 22

Medical Staff "Credentials" — What, Why, & How?
Place: Greensboro
Fee: $50
Info: Carol Epps, NCMS, 222 N. Person St., Raleigh 27611. 800/722-1350

December 3-5

How to Stimulate Team Effectiveness in Medical Schools and Teaching Hospitals
Place: Chapel Hill
Fee: $450; $300 each for three or more
Info: William B. Wood, M.D., Office of CME, 231 MacNider 202 H, University of North Carolina School of Medicine, Chapel Hill 27514. 919/962-2118

December 6

Diarrhea: Diagnosis, Management, and Prevention
Place: Chapel Hill
Fee: $50
Credit: 7 hours Category I AMA
Info: William B. Wood, M.D., Office of CME, 231 MacNider 202 H, University of North Carolina School of Medicine, Chapel Hill 27514. 919/962-2118

January 14

Diabetes Mellitus: Management in Pregnancy and Childhood
Place: Greenville
Fee: $55
Credit: 6.5 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

January 21

GI Update: Cancer Surveillance and the Role of Biopsy in Gastrointestinal Diseases (GI)
Place: Greenville
Fee: $55
Credit: 7 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

February 11

The Psychiatric Aspects of Life Threatening Illness
Place: Greenville
Fee: $30
Credit: 3.5 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

February 20

Pediatrics Day 1987
Place: Greenville
Fee: $55
Credit: 6 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

March 5-12

Review of Clinical Chemistry for Practicing Pathologists & Clinical Chemists
Place: Greenville
Fee: $315
Credit: 40 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 28

March 11

Family Practice Update '87
Place: Greenville
Fee: $55
Credit: 7 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

March 21

Eighth Annual Pulmonary Disease Update
Place: Greenville
Fee: $55
Credit: 6.5 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

Nursing

The following are continuing education courses offered by the UNC-Chapel Hill School of Nursing. Except where otherwise noted, contact Nettie Wilburn, CPS, Office of Continuing Education, University of North Carolina, Chapel Hill 27514. 919/966-3638.

January 9 - March 5

NC-NCAST 2: Parent-Child Assessment
Place: Elizabeth City
Credit: 3.96 CEUs
Fee: $75

January 13 - April 21

Comprehensive Gerontological Nursing
Place: Greenville
Credit: 2 Graduate; 3 CEUs
Fee: $3

January 16 - May 15

Child and Adolescent Nurse: Caring for the Ill Child
Place: Chapel Hill
Credit: 3.97 CEUs
Fee: $270

February 12-13

Communication Skills for the Nurse Manager
Place: Chapel Hill
Credit: 1.32 CEUs
Fee: $150

February 19-20

Human Response to AIDS — Coping and Caring
Place: Chapel Hill
Credit: 1.32 CEUs
Fee: $70

February 20-21
Writing and Publishing
Place: Chapel Hill
Credit: 2.04 CEUs
Fee: $180

OUT OF STATE

November 17-21
The 1986 National Institute of Health Care Leadership and Management
Place: Point Clear, AL
Info: Sherry Mason, American Academy of Medical Directors, 4830 W. Kennedy Blvd., Suite 648, Tampa, FL 33609. 803/873-2000

November 9
The New Economics of Medical Care: The Identifier Concept
Place: New Hyde Park, NY
Fee: $110
Credit: 6 hours Category 1 AMA, ACCME
Info: Ann J. Boehme, Long Island Jewish Medical Center. New Hyde Park, NY 11042. 718/470-8650
(To be offered also March 18, 1987)

December 1-7
Third Annual Doppler & 2-D Echocardiography
Place: San Francisco
Fee: $895
Credit: 40 hours Category 1 AMA
Info: Lisa Krehbiel, 30131 Town Center Dr. #215, Laguna Niguel, CA 92677. 714/495-4499

December 8-10
Diet and Exercise in Noninsulin-Dependent Diabetes Mellitus
Place: Bethesda, MD
Credit: 12.5 hours Category 1 AMA
Info: Sharon Feldman, Prospect Associates, 1801 Rockville Pike, Suite 500, Rockville, MD 20852. 301/468-6555

December 19-20
Advances in Gastrointestinal Surgery
Place: Lexington, KY
Credit: Category 1 AMA
Info: Joy Greene, 132 College of Medicine Office Bldg., University of Kentucky, Lexington, KY 40536-0086. 606/233-5161

January 9-17
Medical Updates VIII: A Review of Recent Advances in Medicine
Place: Park City, UT
Info: Ramona Miller, Ph.D., Office of CME, Quillen-Dishner College of Medicine, Johnson City, TN 37614. 615/929-6204

January 26-29
Alton D. Brashear Postgraduate Course in Head & Neck Anatomy
Place: Richmond, VA
Fee: $225-$375
Credit: 40 hours AGD, AAGP
Info: Hugo R. Seibel, M.D., Dept. of Anatomy, Box 709, Medical College of Virginia, Richmond, VA 23298

February 3-8
16th Annual Pediatric Postgraduate Course
Place: Palm Springs, CA
Credit: 18 hours Category 1 AMA
Info: Ann J. Boehme, Schneider Children's Hospital of Long Island Jewish Medical Center, New Hyde Park, NY 11042. 718/470-8650

February 21-28
Duke at Vail: Symposium on Inflammatory Diseases
Place: Vail, CO
Credit: 20 hours Category 1 AMA
Fee: $350; $250 Residents and Interns
Info: Angelika Langen, Box 3135 DUMC, Durham 27710. 919/684-2504

February 23-28
Symposium in Doppler & 2-D Echocardiography
Place: San Antonio, TX
Fee: $895
Credit: 40 hours Category 1 AMA
Info: Lisa Krehbiel, 30131 Town Center Dr. #215, Laguna Niguel, CA 92677. 714/495-4499

February 27-28
Advance Trauma Life Support
Place: Mountain Home, TN
Info: Ramona Miller, Ph.D., Office of CME, Quillen-Dishner College of Medicine, Johnson City, TN 37614. 615/929-6204

March 1-7
Update '87: Office Obstetrics and Gynecology
Place: Park City, UT
Info: Charlete E. Lee, Scott & White Memorial Hospital, 4201 South 31st St., Temple, TX 76508. 817/774-2821

March 4-8
Pan American Allergy Society Annual Training Course & Seminar
Place: San Antonio, TX
Fee: $415 members
Info: Betty Kahler, PAAS, 229 Parking Way, Lake Jackson, TX 77566. 409/297-8964 or 297-4069

March 8-13
Annual Meeting, US-Canadian Division of the International Academy of Pathology
Place: Chicago, IL
Info: Nathan Kuafman, M.D., Secretary-Treasurer, US-Canadian Division, International Academy of Pathology, Bldg. C, Ste. B, 3515 Wheeler Rd., Augusta, GA 30909. 404/733-7550

March 9-13
Hawaii '87: Critical Issues in Primary Care
Place: Kauai, HA
Credit: 20 hours Category 1 AMA, AAFP
Info: The Pacific Institute of CME, P.O. Box 1059, Koloa, Kauai, HA 96756. 808/742-7471

☆NEWS NOTE

Practice Opportunity Program

Dear Physician:

As a service to our graduates and in keeping with our mission to serve the people of North Carolina, the East Carolina University School of Medicine is identifying opportunities for graduates of the School on Medicine and our residency training programs to practice medicine within the State of North Carolina, particularly the medically underserved areas. These efforts, which are performed yearly, are coordinated within our Center for Health Services Research and Development. The program is referred to as the "Practice Opportunity Program for 1987," or "POP '87."

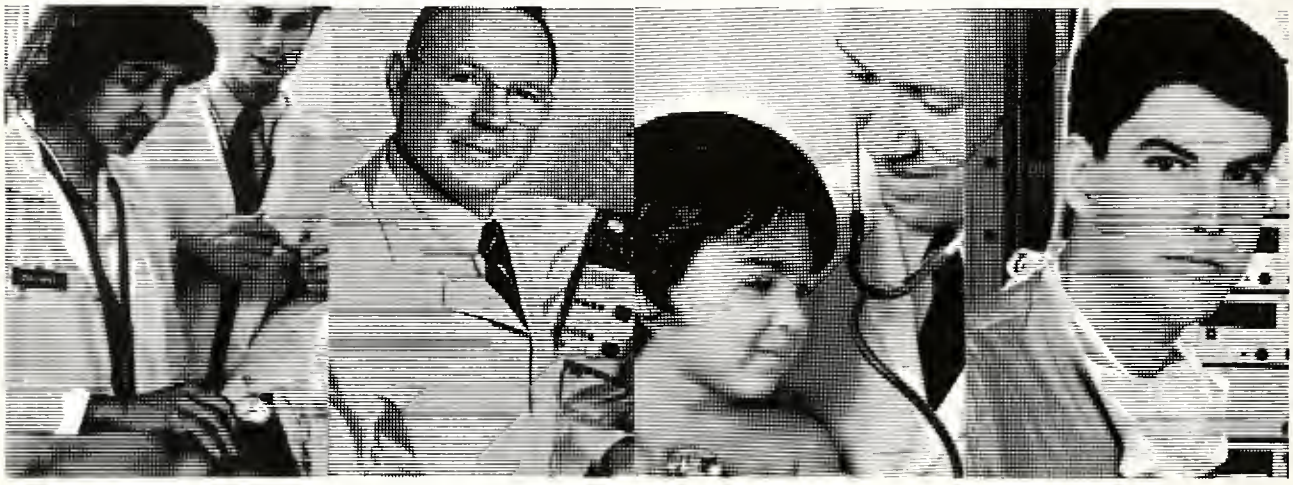
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Joe Vincoli
Assistant Director, Community Health Services
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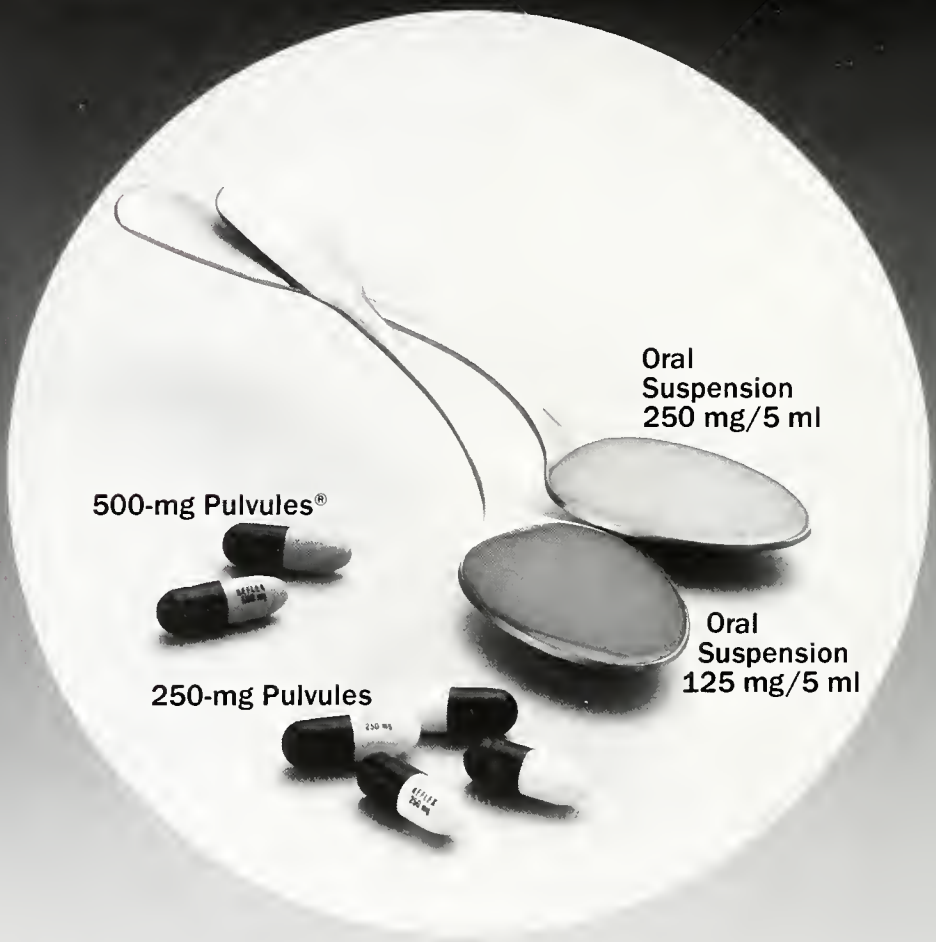
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Letters to the Editor

Comment on Our Presentation of Ms. Walsh's Article

To the Editor:

In reading the September issue of the *Journal*, I discovered (with much regret) that the article by Barbara Walsh was not complete ("Being Different during Adolescence: A Patient's Story, 1986;47:415).

As a writer, I was deeply disappointed with the apparent lack of appropriate review of the magazine's layout. Who was minding the store the day the magazine went to press?

I hope you will run the Walsh article in its entirety in the next issue of the *Journal*.

Susan H. Sloop
Senior Writer
Public Relations Department
Blue Cross/Blue Shield of North Carolina
P.O. Box 2291
Durham 27702

Reply to Ms. Sloop

The article, a very interesting first-hand account of what it is like to be "different" during adolescence, ends rather abruptly at the bottom of the last column of the page. However, the article is complete.

Ms. Walsh approved both checking copy and galleys, and has no objection to our presentation of her article.

We appreciate hearing about the concerns of a reader.

Laurel Ferejohn
Managing Editor

We Help Alcoholics Recover.

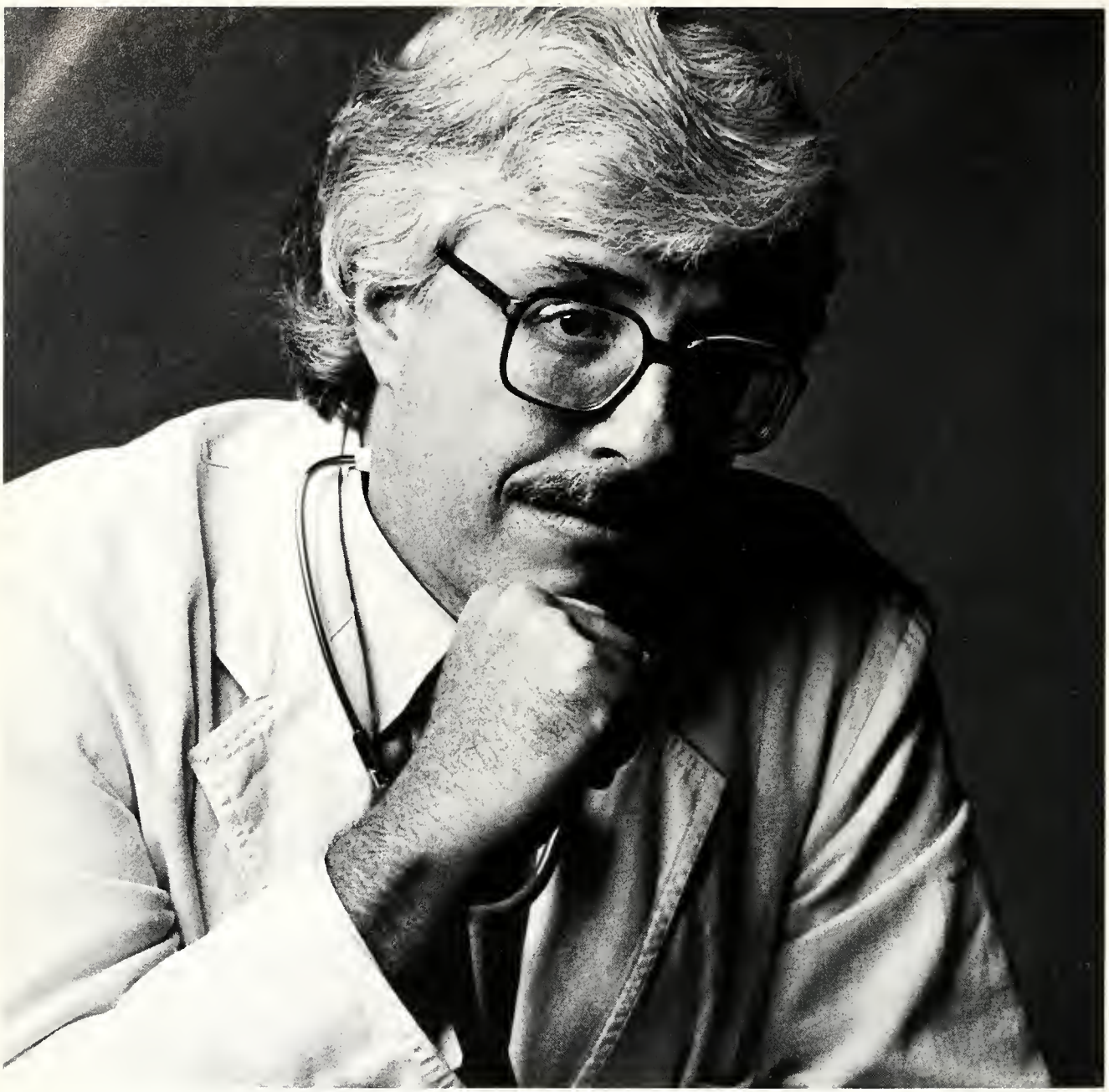


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In Memoriam

Willard Coe Goley, M.D.

Whereas, Willard Coe Goley, M.D., was born in Graham, North Carolina, in 1898, lived and practiced among his neighbors as a caring family physician for almost 50 years; and,

Whereas, Dr. Goley served his country with distinction in both World Wars, most notably as commander of a 1,000-bed field hospital which he transported from the United States to the Philippines during World War II; and,

Whereas, he was the first Chief of Staff of Alamance County Hospital when that facility opened in April 1951; and,

Whereas, Dr. Goley was recognized by his fellow physicians for his outstanding contributions to his profession, being recognized as the Family Practitioner of the Year for the State of North Carolina in 1957; and,

Whereas, Dr. Goley served as President of the Alamance-Caswell Medical Society; and,

Whereas, Dr. Goley was an historian of note, who, through his knowledge of local history, helped Alex Haley trace his Alamance County genealogy for the book *Roots*; and,

Whereas, Dr. Goley gave unselfishly of his time, efforts, and resources to his church, the Graham city schools, and other community institutions; now, therefore,

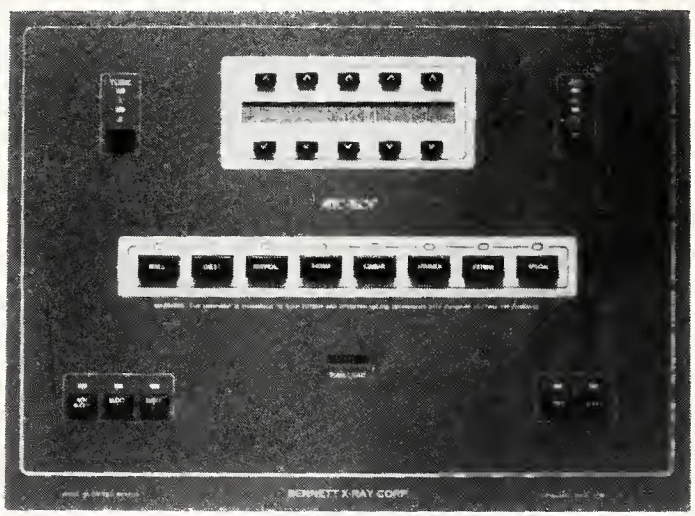
BE IT RESOLVED, that in the death of Dr. Willard Coe Goley, our community has lost a dedicated physician, benefactor, and friend; and,

BE IT FURTHER RESOLVED, that we express our appreciation for his services to the medical community and to the people of Alamance county; our gratitude for the privilege of having worked with him; and, we express our deeply felt Christian sympathy to his family.

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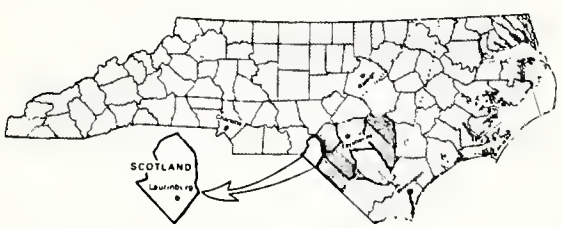
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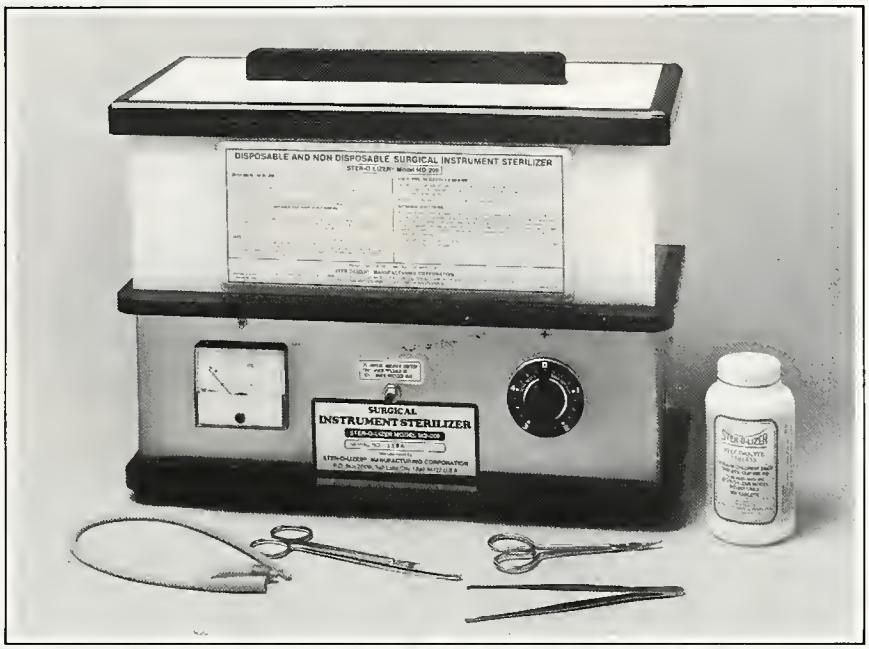
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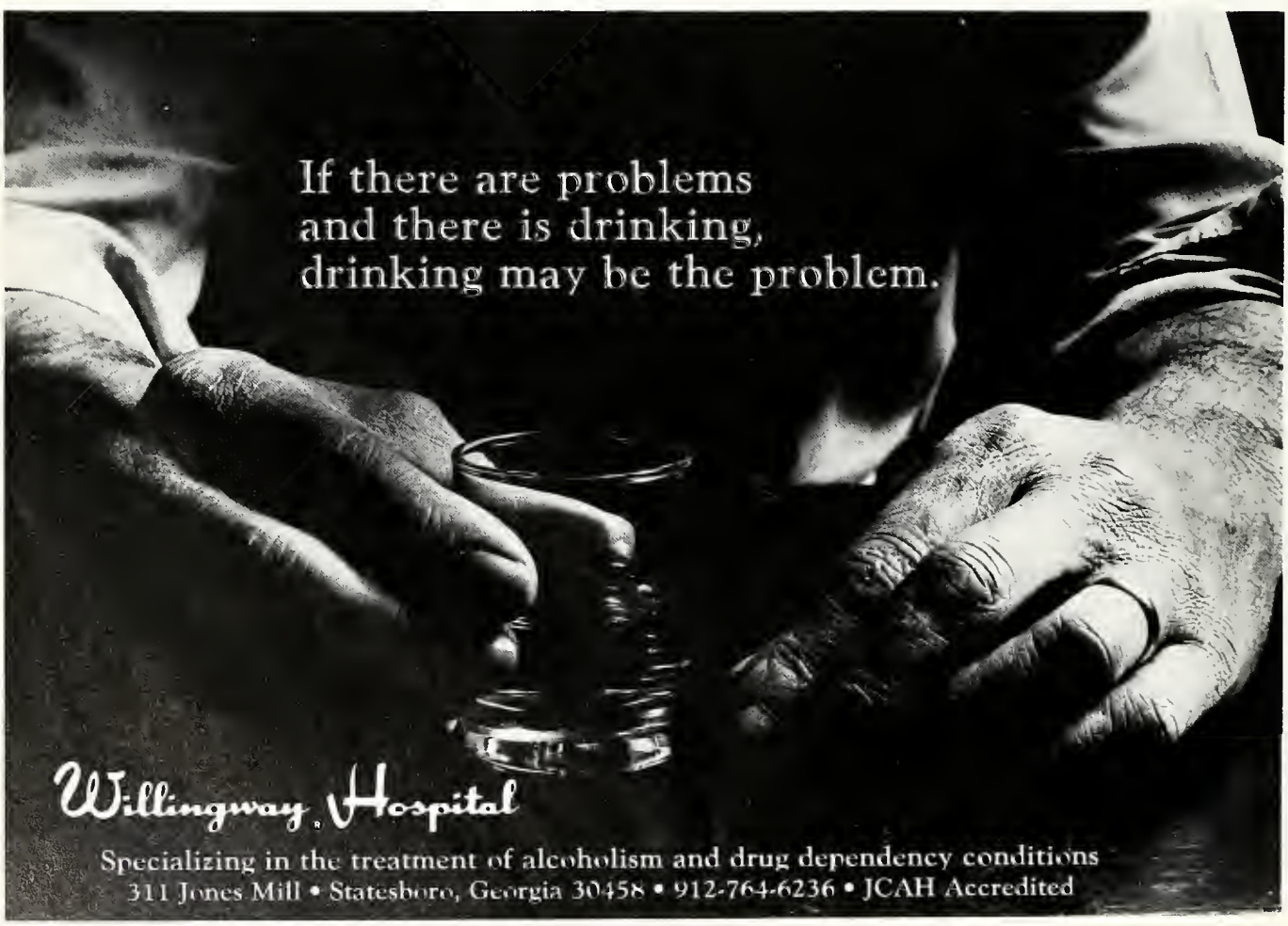
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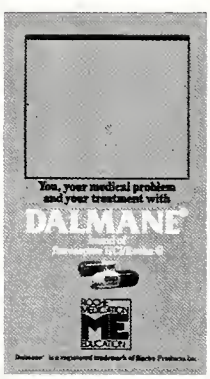
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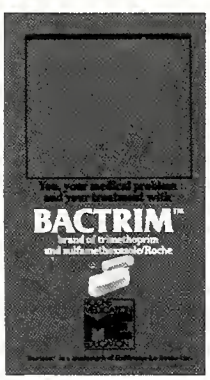
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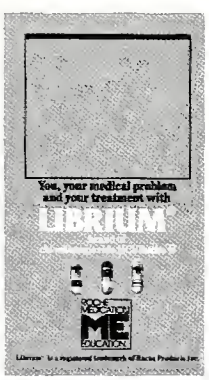
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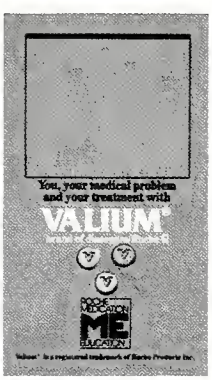
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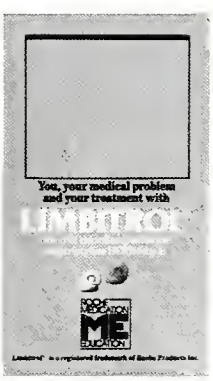
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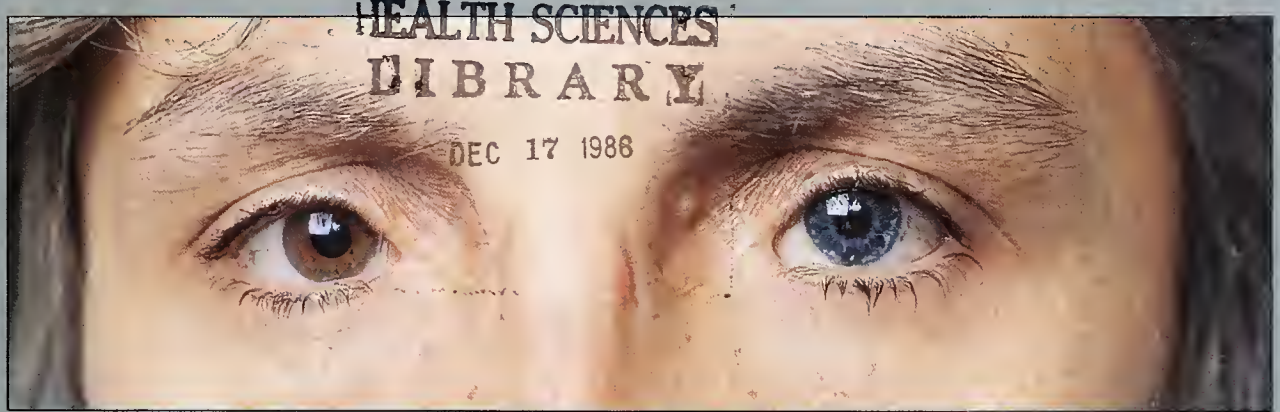
North Carolina MEDICAL JOURNAL

for doctors and their patients

The Official Journal of the NORTH CAROLINA MEDICAL SOCIETY December 1986, Volume 47, Number 12

The Eyes Have It: Waardenburg's Syndrome

Katherine A. Enright, M.D. and Francis A. Neelon, M.D.



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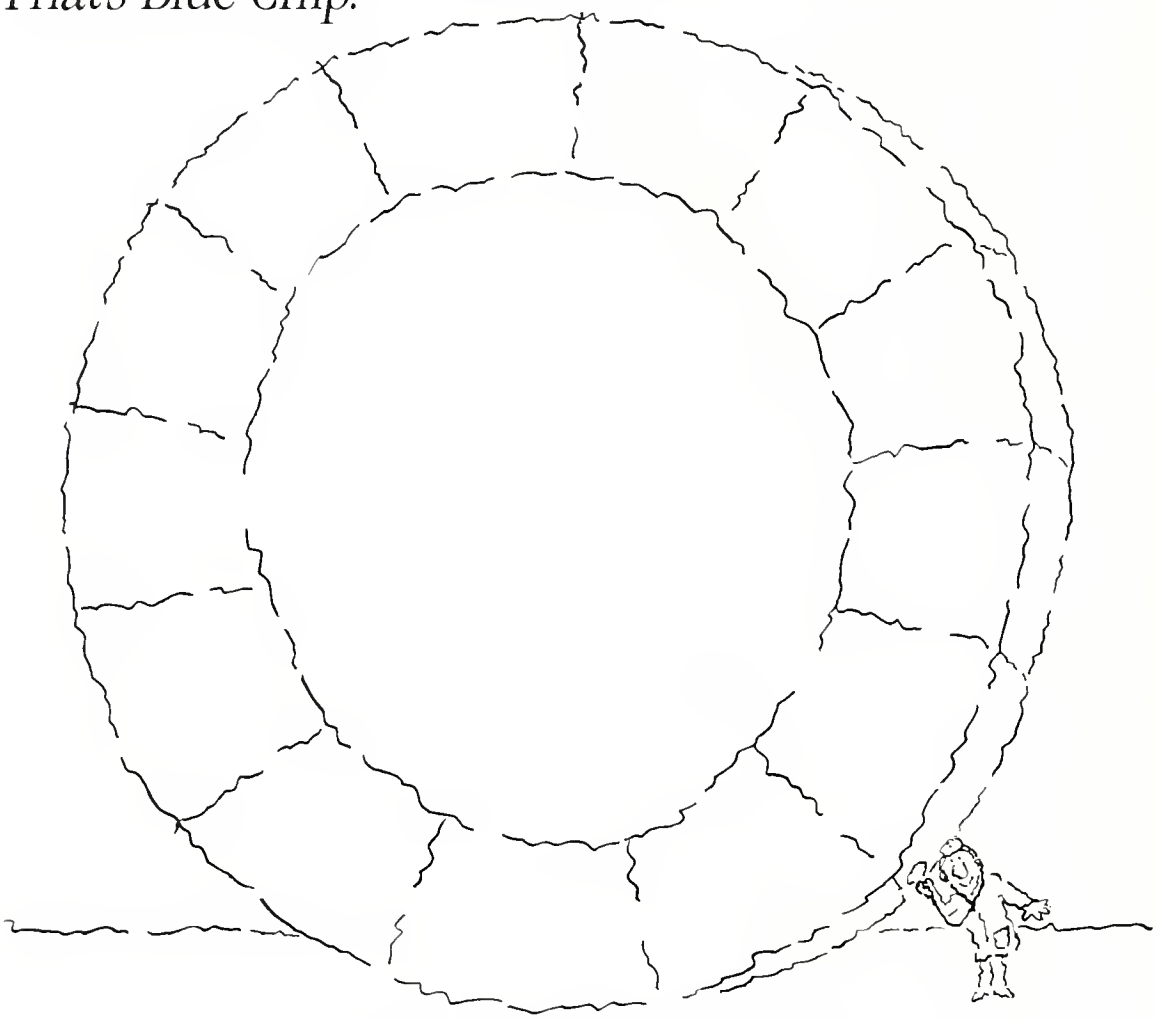
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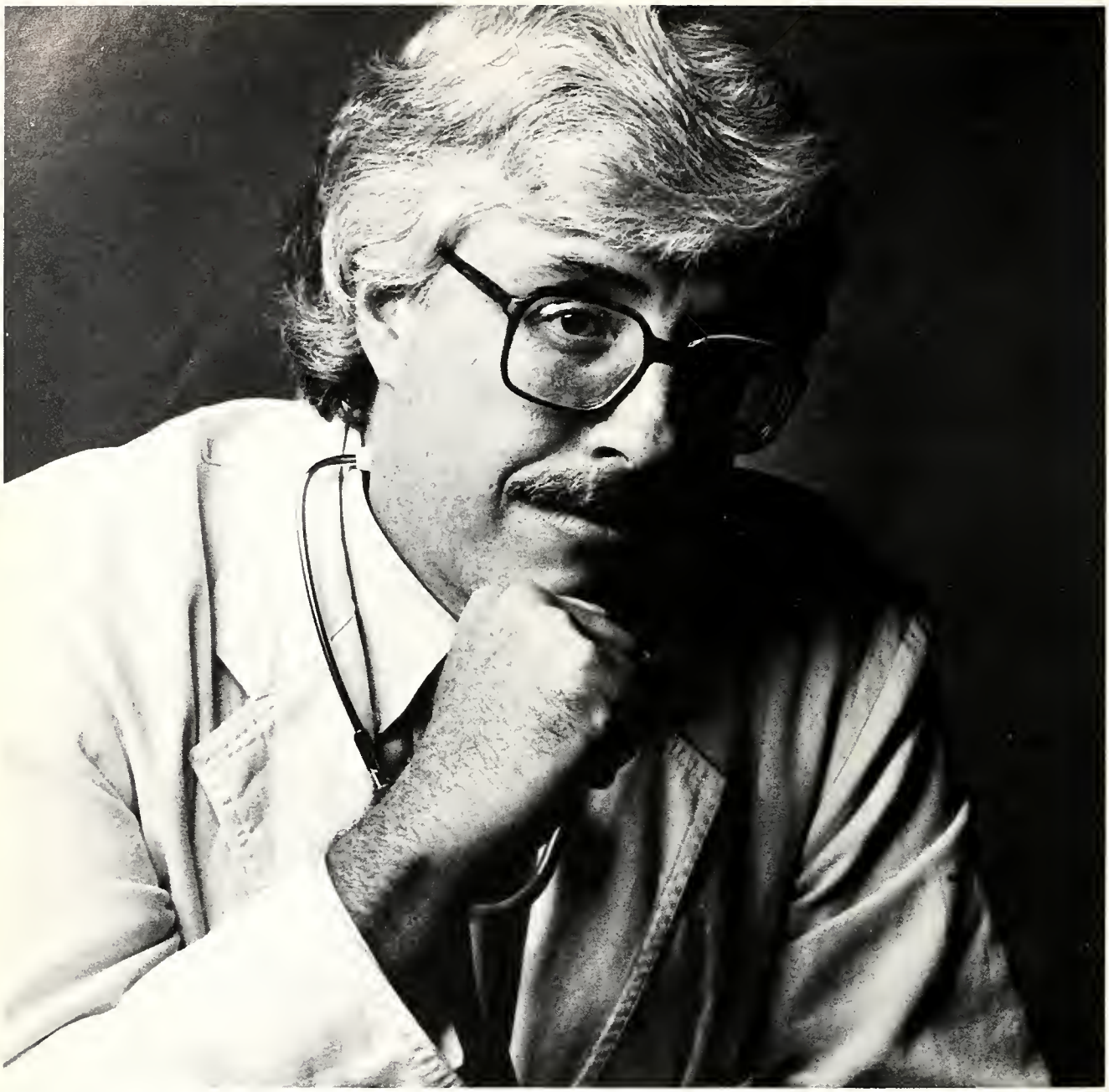
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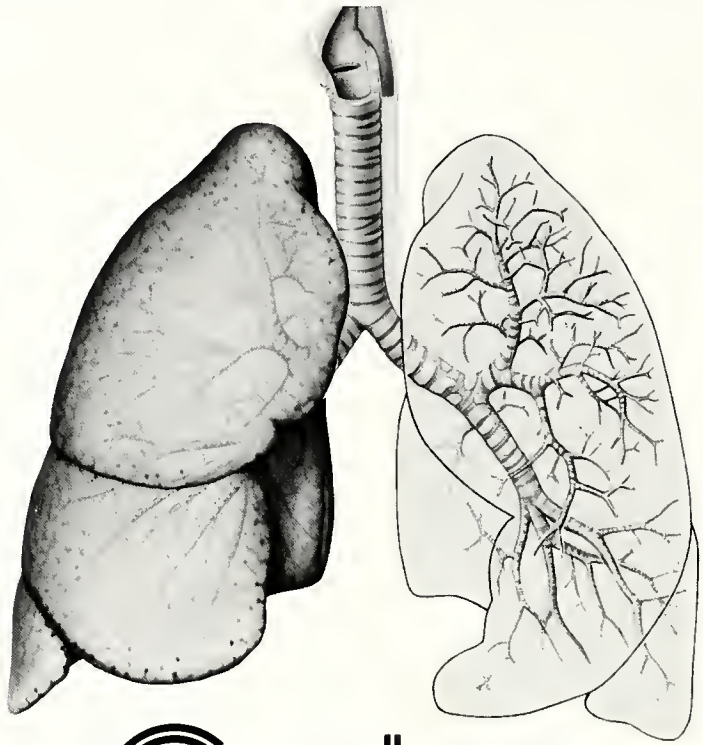
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MEDICAL EDUCATION

Happy, Communicative and Understanding Doctors — The Roles of "Humanities" and Bioscience

Eugene A. Stead, Jr., M.D.

MANY people are concerned that the extensive investment by premedical students in the physical and biological sciences will have a dehumanizing effect on them when they become practicing doctors. There is hue and cry for courses in the humanities that, it is hoped, will produce doctors conscious of the non-technical needs of their patients. I remain skeptical. I have never observed any relationship between course content and the behavior of doctors.

I include four goals under the umbrella of general education:

1. The ability to enjoy life through a variety of inputs into the brain. Literature, art, music, drama, architecture, golf, foreign languages, running, swimming, gardening, climbing, skiing, philosophy, mathematics and science are examples. Each of us should explore a variety of areas to find those from which we can obtain real enjoyment and satisfaction. One hopes to arrive at the place where there is only a thin line between work and play.

2. Provision of a speaking and reading knowledge of history, religious thought, political science, economics, sociology and government. This is the information base which allows a citizen to be an effective force in a democracy.

3. Preparation for effective communication with persons from a variety of cultural, social, educational and economic backgrounds.

4. An understanding of the biological basis for behavior so that one can interact usefully and nondestructively with persons of different beliefs and behavior.

Prospective medical students should be urged to explore widely the world about them. Obtaining a background that allows enjoyment in a wide variety of areas takes time and effort. I have been surprised at how rarely a student asks: How can I plan my education so that I have economic security and personal enjoyment?

The importance of knowledge to become a useful citizen in our democracy is obvious and is accepted by most students. Appropriately selected courses do help in achieving the first two goals, which are the hallmarks of a well educated person — namely having fun out of life and becoming a useful citizen.

From the Department of Medicine, Duke University Medical Center, Durham 27710.

Goals three and four — effective communication and understanding differences in behavior — are not achieved by courses in the humanities. Proficiency in these areas of human interaction is much better taught as a part of bioscience. Human behavior is a mysterious chasm to those without some knowledge of the brain and the interrelationships between brain structure and function. This knowledge is not gained by courses in the humanities, which can be taught without knowledge of biosciences.

Effective communication requires pictures, formed in the brain of one person to be transmitted to the brain of another with a minimum of distortion. The brain of the doctor may draw or select pictures to be transmitted to the patient. The doctor commonly converts the picture in his or her brain to symbols which we call words. These symbols must be reassembled by the patient into a picture. The more similar the two pictures, the better the communication.

If the brains of the sender and receiver were anatomically identical, there would be no problems in communication. But they are never identical, and the reason is inherent in the manufacture and assembly of the millions of parts that make up the brain. Kodak can make cameras that will record very similar images. The cameras are not identical but the differences are small. Brains made by biological processes have a very wide range of differences and will record a given picture in very different ways.

The distribution curves of biological data have wide bases. This results from the fact that life depends on thousands of biochemical reactions continually performed within the narrow temperature range compatible with life. These reactions are catalyzed by a large array of complex proteins acting as enzymes. These enzymes are produced by the thousands in a million different cells. It is not possible to have this many units assembling complex products without error making. As long as the end product is compatible with life and reproduction, some of the errors are passed on to the next generation. The result is the wide diversity of biological structure and function.

A doctor's brain is unique, and the doctor has to understand that the pictures that he or she is perceiving, and his or her view of reality and fantasy, differ from those of every other human being. The patient's brain is unique, and its pictures belong only to that one brain. It is not surprising that communication is difficult.

The behavior of a doctor is a function of the gross, microscopic, and molecular structure of that doctor's brain. The behavior of a patient is a function of the structure of that patient's brain. Effective communication requires that the doctor be aware of the wide differences in brain anatomy and the effects of those differences on the behavior of the patient.

The doctor as a professional assumes the responsibility for devising effective channels of communication with patients. He or she identifies the characteristics of different patients and devises appropriate ways to transfer the picture in his or her brain to theirs. The doctor can never tell what transfers have occurred except by asking the patient to play back the picture.

Awareness of the differences in brains and the anatomical basis of behavior allows the doctor to develop an understanding of why each person is unique and cannot be remade in the image of another person. The doctor knows that the behavior of his patient has an anatomical basis and that a change in behavior requires a change in the brain itself. Experience will demonstrate that brain changing is no easy matter.

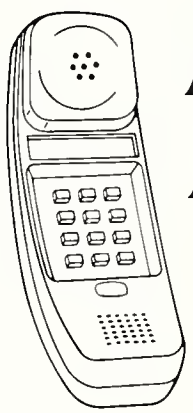
When the behavior of humankind was shrouded in mystery, tolerance for different types of behavior had no basis in science. Tolerance was something that people of good will developed, but they always were puzzled as to why other persons didn't become like them. It was assumed that persons whose behavior was judged to be unacceptable to us and interfered with their own health and happiness could easily change their behavior in conformity to our instructions. Now that one knows that a change in the brain is a requirement for a change in behavior and that restructuring of the brain becomes more difficult with each passing day, one has to accept that people are as they are. Since each of us can at best make only small changes, tolerance of differences becomes a necessity.

The relationship between structure and function in the brain has become clearer because we are now able to make reversible changes in structure by attaching small molecules (e.g., drugs or hormones) to different areas of the brain. The fact that these changes are not identifiable by the microscope makes us aware of the many other changes that cannot be identified by the pathologist.

Wide variations in structure occur in all biological systems. The more complex the part, the greater the diversity in structure and function. The brain is our most complex organ and therefore brains can be expected to be more different from each other than are hearts or livers. Medicine has been able to relate the changes in structure to the changes in behavior in many disease states. As yet we have made little progress in identifying the subtle anatomical changes that produce the wide diversity in brain function which we observe in persons without disease. We know that estrogenized brains differ from testostoronized brains but we do not know in detail the anatomical changes produced as these hormones attach themselves to various structures of the brain.

Neurologists have shown little interest in describing the many differences in the structures of brains which define each of us as a unique individual. It will be many years before we can define the precise arrangement of structures accounting for observed differences in behavior. We know that the differences exist because differences in function are a manifestation of differences in structure.

An understanding doctor capable of communicating with a wide variety of patients and tolerant of their differences is more likely to have become so because of a knowledge of biosciences than because of any number of courses in the humanities. Furthermore, doctors aware of the way that the brain develops and of the loss of flexibility as systems age know that our future lies with care of pregnant women and the input into brains in the early years of life. All isn't lost after the age of seven — but most is! □



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SCIENTIFIC ARTICLE

Getting Up Groggy

Lisa A. Giannetto, M.D. and Francis A. Neelon, M.D.

- *Behavioral changes in the morning are common manifestations of fasting hypoglycemia.*

PATIENTS who report cloudy thinking, memory lapse, disorientation or behavioral disturbances often find themselves on the path to the Computed Tomographic (CT) scanner or to a psychiatric consultation. When these symptoms repeatedly occur in the fasting state (that is, before breakfast), the alert clinician will suspect hypoglycemia, and a few relatively simple tests will lead to the correct diagnosis. We recently participated in the care of a patient whose fasting hypoglycemia was due to an insulinoma.

Case Report

A 32-year-old patient, previously healthy, was referred to us with a two-month history of odd behavior in the early morning. She reported episodes of "waking up" in the shower or arriving at work without knowing how she had gotten there. Her husband often had to coax her out of bed and to the breakfast table; after eating she would slowly "come to." She remembered nothing of these events and wondered how she had gotten to the kitchen at all. During these episodes, her husband said she was docile and complacent, to the point of being childlike. In fact she spent one morning playing with a toy top, oblivious to the others who looked at her with amazement. Again, she had amnesia for these episodes; in her words: "I thought I was going crazy." Never was there sweating, palpitations, trembling or sensation of intense hunger.

Her physician suspected hypoglycemia as the cause of her symptoms and found a low fasting serum glucose of 34 mg/dl (normal: 70-110). A random insulin level was 8 uU/ml, but the blood sugar at the time was not recorded. A glucose tolerance test (figure 1) was abnormal with initial and terminal hypoglycemia but mild hyperglycemia at 1, 2 and 3 hours. Such results are rather common in insulinomas. Fasting hypoglycemia occurs because there is uncontrolled but only moderately excessive insulin secretion. On the other hand, the tumor cells do not respond like normal islet cells to rising blood sugar levels, so the glucose tolerance test can look mildly "diabetic" as in this case.

CT scans of the head and abdomen were normal as was an electroencephalogram. She was begun on high-protein meals six times a day and experienced some symptomatic relief. She still noticed that if she woke up and went back to sleep without eating, she would experience another "spell." She was referred for further evaluation and treatment of a suspected insulinoma.

On admission to Duke, routine physical and neurological examinations were normal. Since she did not routinely eat during the night, we thought it safe to begin a fast (scheduled to last 72 hours if needed) at 12 midnight. By 6:00 a.m. her serum glucose was slightly low at 50 mg/dl and the corresponding insulin level was definitely high at 18.4 uU/ml (normal for the corresponding glucose: 6 uU/ml or less). By 8:00 a.m. her glucose was 32 mg/dl and insulin remained inappropriately elevated at 15.4 uU/ml. The fast was stopped and the patient begun on a continuous infusion of 5% Glucose at 150 cc/hour. Her morning sugars remained in the 40-50 mg/dl range during the infusion but did not fall lower. She reported, "I feel better than I have since Christmas."

Since it is a relatively noninvasive test, we repeated the CT scan of the abdomen in even greater detail than before, looking for an insulinoma. The pancreas appeared normal.

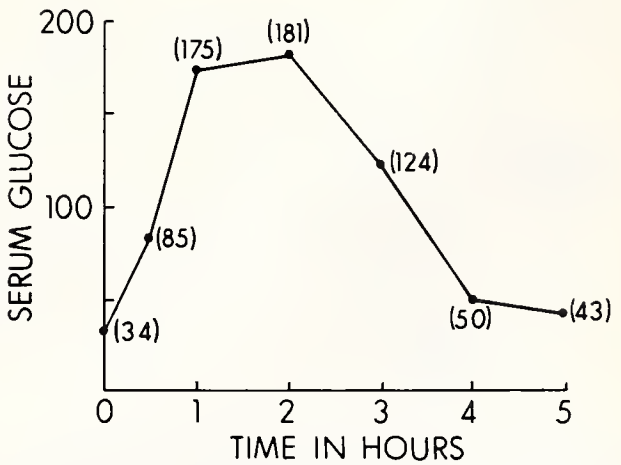


Figure 1. *Preoperative glucose tolerance test in our patient with insulinoma. The fasting, 4-, and 5-hour values are abnormally low due to an inability of the tumor to shut off insulin secretion. The 1-, 2-, and 3-hour values are abnormally elevated due to an inability of the tumor to release insulin in response to glucose ingestion.*

From the Department of Medicine, Duke University Medical Center, Durham 27710.

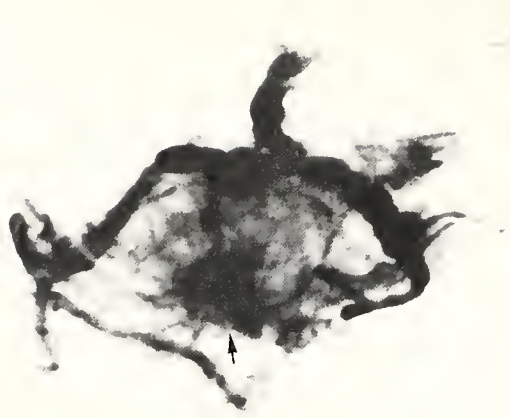


Figure 2. *Digital subtraction angiogram showing suspected tumor "blush" (arrow) in the region of the head of the pancreas.*

Table 1

Some Causes of Symptomatic Fasting Hypoglycemia

Hyperinsulinism
Insulinoma
Exogenous insulin administration
Oral hypoglycemic agents
Alcohol abuse
Uremia
Cancer
Tumor secretion of hypoglycemic peptides
Hepatic infiltration and destruction
Cachexia
Hepatic failure
Drugs
Aspirin
Propranolol
Hormonal deficits
Adrenal insufficiency
Hypopituitarism

The patient then underwent a digital subtraction abdominal arteriogram (figure 2), which showed a vascular blush in the head of the pancreas suggesting, but not diagnostic of, an insulinoma. Because the suspected tumor lay in the head of the pancreas, an area frought with surgical hazards, and because a substantial percentage of insulinomas are multiple, we opted to better define the nature of the insulin-secreting process by passing a catheter through the liver into the portal venous system in retrograde fashion, taking blood samples for insulin determinations along the course of the superior mesenteric vein and splenic vein (figure 3). The results showed a single peak of insulin secretion

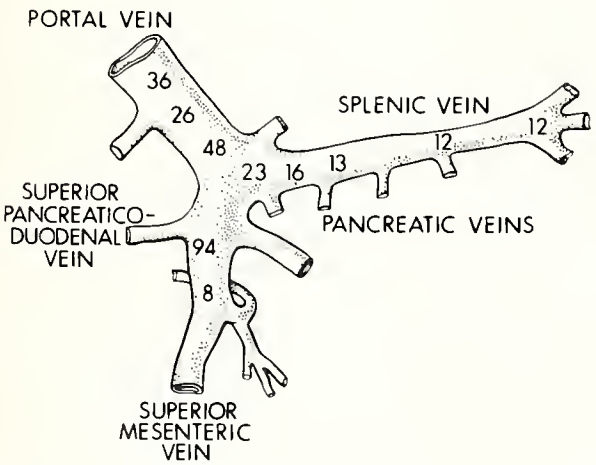


Figure 3. *Results of insulin assay (numbers represent insulin concentration in uU/ml) on blood samples obtained during transhepatic venous catheterization of the major veins into which the pancreatic system drains. There is a distinct "step-up" in concentration at the point where the superior pancreatico-duodenal vein enters the superior mesenteric, and downstream (that is, toward the portal vein) from that point. These data point to a single source of insulin secretion in the head of the pancreas.*

in the area where the superior pancreatico-duodenal vein (draining the head of the pancreas) entered the superior mesenteric vein.

At laparotomy, the patient had a 2 cm by 2 cm tumor overlying the portal vein in the head of the pancreas. It was excised without complication. She had a mild rebound hyperglycemia with serum glucoses recorded near 300 mg/dl. This rapidly returned to normal and, on discharge nine days after operation, her overnight fasting serum glucose was 94mg/dl and the accompanying serum insulin, 6 uU/ml.

Surgery of the pancreas is never without pitfalls; and our patient's course illustrates why we urge extreme conservatism in the interpretation of diagnostic studies in order to avoid unnecessary pancreatic surgery. The release of pancreatic digestive enzymes from the cut surface of the gland predisposes to problems in wound healing. A draining pancreatico-cutaneous fistula developed, and, 25 days after leaving the hospital, the patient had spontaneous discharge of large amounts of purulent material from her wound site. She was readmitted, the wound was reopened and loculated fluid released. Bacterial cultures were not diagnostic but she was given antibiotics as a precaution. She spent a further two weeks in hospital, slowly regaining strength and spirits. Wound drainage continued for several more months, but eventually stopped; she returned to work and full family life and has remained symptomatically well for over 14 months.

Discussion

Table 1 shows the differential diagnosis of fasting hypoglycemia.[1] To the clinician, low blood glucose coupled with the history of strange behavior should bring to mind the suspicion of hyperinsulinism. The diagnostic steps are few.[2] As when one suspects hyperfunction of any gland, the procedure is to determine whether the function of that gland can be turned off. In normal patients, glucose levels

fall moderately during a fast (in women, usually not to less than 50-60 mg/dl; in men, slightly more). Even more importantly, insulin levels will be very low (6 uU/ml or less). In the presence of an insulinoma, glucose levels will fall but insulin levels will remain abnormally high given the level of glucose. It is therefore critically important that simultaneous glucose and insulin levels be obtained whenever the patient develops fasting hypoglycemia, since a positive result narrows the diagnostic possibilities greatly. Blood samples for glucose and insulin measurement should be drawn at the beginning of a fast and every six hours thereafter until the patient becomes symptomatically hypoglycemic or the glucose level is less than 40 mg/dl. Glucose can also be monitored every two to four hours with fingerstick blood samples. Two-thirds of patients with an insulinoma will become symptomatic within 24 hours, but occasionally fasting up to 72 hours is required. Finding a low blood glucose and an associated unsupressed insulin level is virtually diagnostic of insulinoma. Conversley, clear-cut hypoglycemia with a *low* insulin level points to one of the other conditions listed in table 1.

If there is any reason to suspect surreptitious self-administration of insulin, then measurement of the connecting peptide (C-Peptide) of pro-insulin can be very helpful. C-Peptide is released from the pancreatic islets in concert with insulin and in equimolar amounts. C-Peptide levels confirm the presence of endogenous insulin production while a low level suggests an exogenous source of insulin. If the findings during a 72-hour fast are inconclusive, the patient should be referred to an endocrinologist.

Insulinomas, though rare, are important to diagnose because they represent a curable cause of fasting hypoglycemia. Benign, single adenomas represent approximately 80% of these islet cell tumors. About 10% of cases have multiple, benign adenomas, this condition being associated with the syndrome of Multiple Endocrine Neoplasia, Type I. The remainder of cases have malignant tumors with multiple metastases.

Benign adenomas are usually less than 3 centimeters in diameter and are usually found in patients between the ages of 30 and 50 years. Women are affected more frequently than men. The symptoms of hypoglycemia (table 2) are thought to be due to two mechanisms: the release of epinephrine from the adrenal medulla (adrenergic symptoms) and the change in brain function due to an insufficiency of glucose which is the main metabolic fuel for the brain (neuroglycopenic symptoms).[3] In fasting hypoglycemia, neuroglycopenic symptoms predominate while adrenergic symptoms are frequently few or absent (in contrast to reactive hypoglycemia where adrenergic symptoms predominate). Patients often report months of odd behavior, personality changes, and episodic amnesia. Since the symptoms masquerade as brain dysfunction, there is often a delay of more than six months in diagnosis. Physicians may spend those months diagnosing neurosis, hysteria, even brain tumors, feeling the prime problem is cerebral not abdominal. Patients may feel the same way. Our patient in fact began to think she was "heading for admission to the psychiatric ward." Her astute physician recognized the possibility that her symptoms were hypoglycemic in nature and began the evaluation that ended so happily.

Table 2

Signs and Symptoms of Hypoglycemia

Adrenergic	*Neuroglycopenic*
Weakness	Headache
Sweating	Hypothermia
Tachycardia	Visual disturbances
Palpitations	Mental dullness
Nervousness	Confusion
Irritability	Amnesia
Tremor	Seizures
Paresthesias	Coma

Acknowledgment

We thank Virginia O. Sanford, M.D., for allowing us to participate in the care of this patient.

References

1. Santiago JV, Pereira MB, Avioli LV. Fasting hypoglycemia in adults. Arch Int Med 1982;142:465-8.
2. Williams RH, ed. Fasting hypoglycemia, in Textbook of endocrinology, 6th ed. Philadelphia: W.B. Saunders and Co., 1981, pp. 861-74.
3. Davidson MB. Fasting hypoglycemia in diabetes mellitus: diagnosis and treatment, Vol. 2. New York: John Wiley and Sons, 1981, p. 428.

●**Editor's Note**: John Romano and I met our first insulinoma in Boston in 1940. The patient was the anatomy diener who began to sleep with the corpses in the formaldehyde vats. After a bout with psychiatrists, the diagnosis was made by us bright young men. Romano wrote up a very detailed and scholarly account. It turned out that the patient's name was Eaton — "Eaton should have eaten," was the punch line.

SCIENTIFIC ARTICLE

Urinary Incontinence in the Elderly: A Practical Approach

Gary Kochersberger, M.D.

URINARY incontinence is an embarrassing, potentially disabling and costly disorder that is frustrating for both patients and caregivers. It tends to be under-reported by patients, who may regard it as an inevitable consequence of aging, and under-investigated by primary care physicians. One recent study of urinary incontinence in a nursing home setting showed that in fewer than 15% of cases was any effort made at evaluating the problem.[1]

With a growing elderly population, the prevalence of incontinence has increased. Various surveys have shown that in the non-institutional community, 10% to 20% of women and approximately 10% of men, over the age of 65, suffer some degree of urinary incontinence.[2] In the nursing home the problem is of a much greater magnitude, probably afflicting 40% to 50% of residents, of whom 40% have frequent incontinence.

With the increasing prevalence has also come increasing cost. It is estimated that $.5 billion to $1.5 billion is invested annually by American nursing homes just for the care of urinary incontinence.[2] The daily cost of managing incontinence in the long-term care facility probably ranges from $5 to $11 per day per patient. To date, no studies have addressed the costs of urinary incontinence in the non-institutional community.

Normal Voiding

Vital to an understanding of urinary incontinence in the elderly is an understanding of normal micturition neurophysiology. Normal voiding is dependent upon a balance of complex autonomic activities overseen by the central nervous system. Sympathetic innervation via the hypogastric nerve inhibits bladder contractions through stimulation of beta receptors in the detrusor muscle. Voiding is further inhibited by stimulation of alpha-adrenergic receptors causing contraction of the bladder neck and internal sphincter. Parasympathetic activity, on the other hand, promotes voiding through stimulation of detrusor contractions. Parasympathetic efferents travel via the pelvic nerves. Voluntary control of the external sphincter is mediated through the pudendal nerve. Orchestrating these various autonomic reflexes are higher micturition centers in the brain. Interaction occurs between frontal cortex, basal ganglia and eventually the brain stem from which impulses originate which either promote or inhibit bladder contraction. Normal voiding entails controlled bladder storage and expulsion of urine. The bladder fills to a critical quantity (200-300 cc) which stimulates a reflex with pelvic nerve afferents and hypogastric efferents. The detrusor muscle is inhibited and the internal sphincter is stimulated to contract. This allows for more complete filling of the bladder until an opportune time and place when urgency increases and the inhibitory stimulation is consciously withdrawn, parasympathetic outflow via the pelvic nerve stimulates bladder contraction, and the internal and external sphincters relax, resulting in urination.

Types of Urinary Incontinence

Urinary incontinence in the elderly can be acute or chronic. A temporary illness causing immobility and impaired mental activity is a common cause of acute incontinence, as are urinary tract infections. Any transient metabolic disorder, such as hyperglycemia or hypercalcemia, which may lead to an increased diuresis, may be responsible for temporary incontinence, especially in the elderly patient who may already have borderline bladder control. Physicians themselves may be responsible for transient incontinence through the prescription of medications which may precipitate incontinent episodes. Among the more notorious medications are loop diuretics, sedatives, lithium, anticholinergic medications, and alpha-adrenergic blockers. In contrast to these causes of acute incontinence, chronic incontinence is established, longstanding and usually not readily reversible. Urge, overflow, stress, and functional are types of urinary incontinence in the elderly that are likely to be chronic.

Urge incontinence, also known as detrusor instability, is the most common type of incontinence in the elderly. Studies suggest it is responsible for 40% to 70% of all cases.[3,4] As the name implies, the usual symptoms are that of urgency and frequency. Typically, the history is given of not reaching the bathroom in time and urine is lost during both day and night. Urge incontinence occurs through uninhibited contractions of the detrusor muscle resulting in a bladder pressure which exceeds that generated by the bladder sphincter. This loss of inhibition is associated with dementia, stroke, and Parkinson's disease. Increasingly recognized is a group of patients with idiopathic detrusor instability resulting in urge incontinence. Local processes such as bladder or pelvic tumors, fecal

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impaction, and urinary tract infection can also precipitate bladder instability. All of these are conditions that can result in a "hyperexcitable" bladder.

Overflow incontinence is the second most common type of urinary incontinence in elderly men. Associated symptoms include feelings of incomplete emptying of the bladder, frequency and often urgency. The most common cause is urethral obstruction where normal detrusor contractions cannot empty the bladder completely. High bladder volumes result which eventually exceed the intraurethral pressure and result in leakage of urine. In elderly men this most often occurs with prostatic hypertrophy. A less common cause of overflow incontinence is detrusor muscle inadequacy resulting from lower motor neuron dysfunction, as seen with the neuropathy of diabetes or Vitamin B_{12} deficiency.

A common cause of urinary incontinence in elderly women is bladder sphincter insufficiency. This results in stress incontinence. Urine is typically lost whenever intra-abdominal pressure is increased as in coughing, sneezing or laughing. Unlike urge and overflow incontinence, stress incontinence seldom causes loss of urine during the night. The mechanism responsible for this type of incontinence is decreased internal sphincter pressure often associated with pelvic or urethral muscle weakness. Estrogen deficiency has been implicated as a cause, but this type of incontinence is also seen in premenopausal women. Risk factors include multiparity and history of past pelvic surgery resulting in loss of support for the urethra and surrounding structures.

Functional incontinence, as described by Williams and Pannill, refers to those patients who do not have demonstrable pathology of micturition, but are incontinent because of not being able to reach a toilet in time.[5] Impairment of mobility from arthritis, decreased vision, or weakness are all causes of functional incontinence. In the non-institutional community, inconvenient facilities may make for a difficult trip to the bathroom. In the hospital or nursing home, restraints or unanswered call-bells may lead to incontinent episodes in the patient who normally has no problem with bladder control.

Evaluation of the Incontinent Patient

Successful treatment is dependent upon successful identification of the cause of the incontinence. The initial evaluation must include a detailed history and physical examination. Symptoms may suggest a specific etiology. As noted above, urgency and frequency suggest detrusor instability, whereas feelings of incomplete bladder emptying would be associated with overflow incontinence. Questions should be asked regarding frequency, pattern, duration and severity of the incontinent episodes. Leakage of urine only during the day is suggestive of stress incontinence, whereas leakage both day and night suggests detrusor instability and overflow incontinence.

Are there any associated symptoms? Accompanying dysuria may suggest a urinary tract infection, whereas a history of constipation may implicate fecal impaction as a cause of the incontinence. A history of multiple vaginal deliveries or pelvic surgery may be more supportive of a diagnosis of stress incontinence, and an underlying dementia would more likely be associated with detrusor instability. A careful medication history should be obtained, including non-prescription drugs, many of which have anticholinergic properties which could potentially precipitate detrusor inadequacy and cause overflow incontinence.

The physical examination of the incontinent patient must include a careful pelvic and neurologic assessment. Examination of women for evidence of stress incontinence should be done by having the patient, with a full bladder, cough while in supine and standing positions. Additional support for a diagnosis of stress incontinence would come with findings of atrophic vaginitis or uterine prolapse. The rectal examination may disclose fecal impaction as a possible cause of either overflow or urge incontinence. Prostatic hypertrophy may support a diagnosis of overflow incontinence, but some authors suggest that unless markedly enlarged, prostate size correlates poorly with outlet obstruction.[6] Normal volitional control of the anal sphincter implies normal control of the external urethral sphincter. The neurologic examination should include basic mental status screening to determine if dementia is present which may have an impact on diagnosis and ultimate therapy. Checking of sacral reflexes and perineal sensation should be detailed enough to exclude neuropathy as a cause of the incontinence.

After the history and physical, the initial investigation of the incontinent patient should include a check for metabolic derangements associated with acute incontinence. Renal function should also be assessed, and if dementia was appreciated on examination, appropriate screening for reversible etiologies should be undertaken. A urinalysis should be obtained, and if pyuria is present the urine should be cultured. A post-void residual urine should be checked on all men with incontinence, given the high association with outlet obstruction and the potential for renal compromise. A normal post-void residual, which would be compatible with urge or stress incontinence, should be less than 50cc. An incontinence diary should be kept by all patients or caregivers, for at least several days, to provide additional information on the pattern and severity of the problem. This should include times and amounts of incontinence, as well as the successful voidings. Space should be provided for the patient to describe any associated symptoms or possible precipitating factors.

Urodynamic studies offer definitive information on causes of incontinence but they are expensive, invasive and frequently unavailable or not feasible in the elderly.[6] British researchers have developed an algorithm for identification of those most likely to benefit from further evaluation.[4] In their study, individuals with bladder outlet obstruction and obvious gynecologic abnormalities were referred to urologists or gynecologists. Individuals with symptoms and findings on physical examination suggesting stress or urge incontinence were treated accordingly. Treatment failures were referred for urodynamic study. A reasonable modification of this approach would also include referral when there is considerable diagnostic uncertainty, or when empiric therapy may be dangerous.

Treatment

While the therapy of urinary incontinence should be

aimed at the specific cause, many general measures can be applied that will favorably affect all forms of incontinence. Correction of precipitating factors such as hyperglycemia or urinary tract infections, identification of medications that may be causing problems, and facilitation of mobility to the bathroom are all examples of first-line intervention in incontinence. Restriction of caffeine and alcohol may be of benefit, but limiting fluids should be done cautiously in the elderly who are prone to dehydration. The development of voiding routines is often of benefit in cases of urge and stress incontinence. In its simplest form this entails frequent toileting at set times during the day. the intervals between successful "timed voidings" can be progressively increased. Studies examining the use of biofeedback techniques for bladder control have shown success with groups of highly motivated patients without cognitive impairment.[7]

Specific interventions for stress incontinence include such things as weight loss and the use of Kegal exercises to strengthen the pubococcygeal muscles. Surgical intervention is the treatment of choice for cases of non-medication induced bladder outlet obstruction resulting in overflow incontinence. Surgical procedures for other forms of urinary incontinence are not always cut-and-dried. Various techniques for elevating the urethrovesical junction are employed in cases of stress incontinence, and when patient selection is careful the outcome is usually positive. The use of artificial sphincters has not received much evaluation in the elderly population, but may be regarded as beneficial in the future. Medications for the treatment of urinary incontinence are, for the most part, aimed at the autonomic nervous system.

Anticholinergics are the medications most frequently employed in the treatment of detrusor instability. They act by depressing bladder activity locally, but systemic anticholinergic side effects frequently limit their use. Medications belonging to this group include propantheline, oxybutynin, and the antidepressant imipramine. Contraindications to their use include glaucoma and bladder outlet obstruction. Various cardiac conditions represent relative contraindications.

Alpha-adrenergic medications are occasionally helpful in cases of sphincter insufficiency causing stress incontinence. They include ephedrine and imipramine (which has both anticholinergic and alpha-adrenergic properties), and they act by increasing intraurethral pressures. Alpha-adrenergic blockers, on the other hand, decrease intraurethral pressures, and may be helpful in managing outlet obstruction in patients unable or unwilling to undergo definitive surgical procedures. Phenoxybenzamine and prazosin have both been used in this setting, but the development of hypotension often limits their utility. Estrogen, whether given topically or orally, has been promoted as treatment for stress incontinence through its ability to "build up" the urethral mucosa. Increased urethral pressures have been documented on some urodynamic studies of estrogen use. Various side effects are associated with its use, and even if given vaginally, systemic effects are seen.

Evaluation of these different medications is made difficult because of the lack of well controlled clinical trials. At least one study, published in the *British Journal of Urology*, evaluating various anticholinergic medications for urge incontinence came to the conslusion that placebo was the drug of choice.[8] Further studies should help to answer questions regarding the efficacy of the various drugs. One group of medications with considerable promise are the calcium channel blockers.[9,10] These are generally well tolerated by the elderly, and may ultimately become the treatment of choice for detrusor instability.

Palliative Therapy

When definitive treatment of incontinence fails, palliative therapy is relied upon. Traditionally, this has often been the first and only line of therapy in the incontinent elderly. The use of disposable diapers for adults has become a multi-million-dollar industry. Although often the only recourse, they are expensive, associated with skin breakdown and often don't allow a "borderline" patient to exercise controlled voiding. Odor is often associated with the use of diapers, and the administration of chlorophyllin copper tablets may be of benefit. Condom catheters for men are associated with considerable morbidity including urinary tract infections, skin breakdown and penile necrosis. They should be changed at least once a day and discontinued if any complications develop. Because of multiple complications, indwelling catheters should be used only for patients with bladder outlet obstruction who are not surgical candidates. Even in these cases, a careful trial of alpha-adrenergic blockade with prazosin may be given prior to committing the patient to an indwelling catheter.

Conclusions

Urinary incontinence is not an inevitable consequence of aging and deserves a thorough investigation. Many cases will have readily reversible etiologies identified, and the remaining patients will likely benefit from simple procedures such as toileting or timed voiding. When properly administered, medications have a role, particularly in the management of detrusor instability, the most common cause of urinary incontinence in the elderly.

References

1. Ouslander J, Kane RL, Abrass IB. Urinary incontinence in elderly nursing home patients. JAMA 1982;248:1194-8.
2. Ouslander J, Kane RL, et al. Technologies for managing urinary incontinence (health technology case study 33), OTA-HCS-33, Washington, D.C.: U.S. Congress, Office of Technology Assessment, July 1985.
3. Castledon C, Duffin H, Asher M. Clinical and urodynamic studies in 100 elderly incontinent patients. Brit Med J 1981;282:1103-5.
4. Hilton P, Stanton S. Algorithmic method for assessing urinary incontinence in elderly women. Brit Med J 1981;282:940-2.
5. Willians M, Pannill F. Urinary incontinence in the elderly. Ann Int Med 1982;97:895-907.
6. Resnick N, Yalla S. Management of urinary incontinence in the elderly. New Engl J Med 1985;313:800-5.
7. Burgio K, Whitehead W, Engel B. Urinary incontinence in the elderly — bladder sphincter biofeedback and toileting skills training. Ann Int Med 1985;104:507-15.
8. Meyhoff H, Gerstenberg T, Nordling J. Placebo — the drug of choice in female motor incontinence? Brit J Urol 1983;55:34-7.
9. Rud T, Andersson K, Ulmsten U. Effects of nifedipine in women with unstable bladders. Urol Int 1979;34:421-9.
10. Gerstenberg T, Klarskov P, Ramirez D, Hald T. Terodiline in the treatment of women with urgency and motor urge incontinence: a clinical and urodynamic double-blind cross-over study. Brit J Urol 1986;58:129-33.

SCIENTIFIC ARTICLE

Spermicides and Sexually Transmitted Diseases: New Perspectives

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• *Recent research shows evidence that the use of spermicide decreases the risk of contracting certain sexually transmitted diseases.*

IN many areas around the world, sexually transmitted diseases (STDs) and their consequences are becoming more numerous. Women in particular bear a disproportionate burden of these problems; STDs are more difficult to diagnose in women, they are more frequently asymptomatic in women, and they more often lead to serious, life-threatening sequelae in women, including pelvic inflammatory disease, ectopic pregnancy and infertility.

A great deal of attention has been paid recently to the association between contraceptive method and the risk of STDs. Laboratory studies have shown that spermicides inhibit or kill various STD pathogens, including gonococci, chlamydia, spirochetes, trichomonads, monilia, herpesvirus, and human immunodeficiency virus, the cause of acquired immune deficiency syndrome (AIDS). This paper briefly describes the epidemiology of two prevalent and serious STDs, chlamydia and gonorrhea, and reviews evidence that spermicide use decreases the risk of contracting these and other STDs.

Chlamydia

The prevalence of chlamydia in most populations remains unknown, since chlamydia culture methods are time-consuming and expensive, requiring trained personnel and specially equipped laboratories. Where measured, however, its prevalence equals or surpasses that of gonorrhea. It is the most common STD in the United States, causing three million or more infections annually.[1] In STD clinics in this country, endocervical chlamydia isolation rates range from 12% to 22%, about the same as gonorrhea prevalence rates in the clinics.[2] The prevalence of chlamydia in two STD clinics in Goteborg, Sweden, was 27%.[3] A new direct fluorescent test[4] and a direct enzyme immunoassay colorimetric test[5] for chlamydia, which are quicker and less expensive than culturing and do not require special training, promise to define better the prevalence of chlamydia.

Chlamydial pelvic inflammatory disease (PID) may be more likely to result in tubal damage than PID due to other organisms.[2] Chlamydia has been isolated in 15% to 70% of Scandinavian women with salpingitis.[2] Case-control studies in the U.S. and Europe indicate that women with chlamydia antibodies are two to three times likelier to have tubal abnormalities as women without the antibodies.[2] One contributing reason that chlamydia is such an important cause of PID is that a high proportion of chlamydial infections are clinically silent, so they are less likely to be treated promptly. Among 60 asymptomatic women at high risk of chlamydia, 43% were found to have lower genital tract chlamydial infection.[6] Two British studies found that 64% and 77% of chlamydia-positive women were asymptomatic.[7,8] Yet the tubal damage in chlamydial infection is greater than the benign clinical picture would suggest.[9]

Aside from neonatal ophthalmia and pneumonia, it is unclear whether chlamydial infections adversely affect obstetric endpoints. Four U.S. studies have failed to find significant differences in pregnancy outcomes related to infection with *C. trachomatis* alone.[10-13] (Infection with mycoplasma was associated with low birth weight and perinatal death in two of these studies.[11,13]) One recent study did report significantly elevated risks of prematurity and perinatal mortality among affluent pregnant women infected with chlamydia.[14]

Gonorrhea

The epidemiology of gonorrhea is better understood than that of chlamydia, although case reporting remains inadequate in many areas. The prevalence of gonorrhea rose steeply during the 1960s and 1970s in many parts of the world, and resistant gonorrheal strains are becoming more common everywhere. In the U.S. from 1967 to 1975, reported rates of gonorrhea increased an average of 13% annually, and the bulk of the increase occurred among women.[15]

The rate diminished to a level of 418 cases per 100,000 population in the U.S. in 1982.[16] At that time, the rate in North Carolina was one-and-a-half times that, or 670 cases per 100,000 persons.[16] Gonorrhea is the most common reportable infectious disease in the U.S., with nearly one million cases reported annually and probably an equal number of unreported cases.[17]

The causative role of *N. gonorrhoeae* in tubal damage

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is well established,[18] and the organism has been isolated in 50% or more of women with PID.[17] Approximately 10% to 20% of women with gonorrhea eventually develop PID; incidence rates of PID, infertility and ectopic pregnancy have increased mainly among those population groups in which gonorrhea is most prevalent.[17] Gonococcal ophthalmia neonatorum is a major cause of preventable blindness in developing countries.

Chlamydia and gonorrhea infections often coexist; from 25% to 60% of women with gonorrhea also have chlamydial infection.[19] Unfortunately, the common single-dose gonorrhea therapies are insufficient to eradicate chlamydia,[19] and current recommendations are to cover chlamydia in treatment of patients with gonorrhea.[1]

Spermicide Use

Throughout most of the world, the use of spermicides declined with the development of more effective birth control methods — oral contraceptives and intrauterine devices (IUDs) — but more recently increased in some areas in response to reports of adverse effects associated with these newer methods.

In the U.S. in 1965, 9.9% of married women using contraceptives used diaphragms in conjunction with spermicide. This percentage fell to 3.4% in 1973 but rebounded to 6.7% in 1982.[20] Factors that may limit the popularity of spermicides include their relatively low rate of use-effectiveness, their recurring cost, their tendency to inhibit spontaneity, and some women's dislike of vaginal methods. Spermicidal methods nonetheless remain an important option, and better definition and understanding of the non-contraceptive benefits of spermicides may change patterns of use.

The Protective Effect of Spermicides

Spermicides inactivate sperm before the sperm can ascend from the vagina into the uterus and fallopian tubes. Almost all commercially available spermicides around the world contain surface active detergents (surfactants) that alter the cell walls' lipid layer and destroy or immobilize the cells. The most widely used surfactants are nonoxynol-9, octoxynol-9 and menfegol. Several carriers are used to deliver these active ingredients, including jellies, creams, foams, foaming tablets or foaming suppositories, melting suppositories and soluble film. Some creams and jellies are designed to be used with a diaphragm or cervical cap; foams are often used jointly with condoms.

In the laboratory, spermicides inhibit or destroy many pathogenic organisms, including gonococci, chlamydia, spirochetes, trichomonads, monilia, herpesvirus, ureaplasma, and human immunodeficiency virus, the cause of AIDS.[21-31] Pure surfactant as well as a variety of commercial spermicidal products have been tested. One British laboratory study found that a solution of 0.6% nonoxynol-9 (less than the concentration found in the vagina after a single application of most spermicides) was sufficient to prevent the growth of *N. gonorrhoeae*.[23] A recent laboratory study revealed that nonoxynol-9 at concentrations of 0.05% or more inactivated the AIDS virus,[30] and that such inactivation occurred in less than 60 seconds.[31]

A variety of epidemiologic studies supports the hypothesis that spermicide use reduces the risk of contracting STDs (table 1). A group of cross-sectional studies has examined the association between the prevalence of various STDs and the contraceptive method of the women. In one study, the prevalence of trichomonas was half as high in diaphragm users (3%) as in oral contraceptive or IUD users (6% each). Foam users had the lowest prevalence rate (1%).[32]

A second study, conducted in a family planning clinic, found that the prevalence of endocervical gonorrhea among users of "other" contraceptives, mostly foam and condoms, was less than a quarter of the prevalence in the oral contraceptive and IUD groups (1.5% versus 6.2% and 6.1%, respectively).[33] A study of women attending another U.S. family planning clinic found that users of condoms, diaphragms, or foam had a lower gonorrhea prevalence rate (4.2%) than did oral contraceptive or IUD users (11.5% and 9.9%, respectively).[34]

In another study of STD clinic patients, all contraceptive methods were found to protect against gonorrhea, with barrier methods offering the most protection (adjusted risk 0.1 for barrier users compared with non-users of contraception).[35]

Although there is a weakness in these studies in that sexual activity generally was not assessed, this potential bias is unlikely to explain the consistently lower prevalence of STDs among spermicide users.

More rigorous analytic studies to assess cause-and-effect relationships also support the hypothesized protective effect of spermicides. A multi-hospital case-control study found that users of barrier methods had a significantly lower risk of PID when compared with all other women and when compared with non-users of contraception (both odds ratios 0.6).[36]

In another study, investigators reviewed clinic and hospital records of women diagnosed with gonorrhea among sterilized women and women who had filled a prescription for a spermicide or an oral contraceptive within the 90 days prior to culturing.[37] The relative risk of gonorrhea for spermicide users compared with oral contraceptive users and sterilized women was 0.2. A case-control analysis of the 77 positive gonorrhea culture cases and 164 culture-negative controls confirmed this (odds ratio 0.1).

In an STD clinic study,[38] women were interviewed following examination, but before the results of gonorrhea culture were known. The case group comprised women positive for gonorrhea, and the control group consisted of women without any STD combined with women with a non-gonorrheal STD. The odds ratio of gonorrhea for spermicide users compared with all other women was 0.7. In these women, use of spermicides plus condoms reduced the risk of gonorrhea by 59%, and spermicides plus a diaphragm reduced the risk by 55% — far greater reductions than with spermicides alone (10%) or condoms alone (13%).

These three studies point unanimously to a reduction in the risk of gonorrhea among spermicide users of from 30% to 90%. But some of these analytic studies lack adequate information on sexual activity or other variables which may influence the relationship between spermicides and STDs (table 1).

Table 1
Epidemiologic Studies of Spermicides and Sexually Transmitted Diseases

Reference #	*Study Design*	*Outcome*	*Key Findings*	*Limitations*
32	Cross-sectional	Trichomonas	Prevalence 0.8% in foam users, 3.0% in diaphragm users, 3.1% in condom users, compared with 4.0% in non-contraceptors and 6.1% in IUD users	— No confirmation of use of the method — No data on sexual activity
33	Cross-sectional	GC	Prevalence among users of foam, condom, diaphragm, jelly, ceam was 1.5% compared with 6.2% and 6.1% among oral contraceptive and IUD users	— Could not separate female methods from condoms — No confirmation of use of method — No data on sexual behavior
34	Cross-sectional	GC	Prevalence among foam, condom, diaphragm users 4.2% compared with 11.5% for oral contraceptive users and 9.9% for IUD users	— Could not separate female methods from condoms — No confirmation of use of method — No data on sexual behavior
35	Cross-sectional	GC	Adjusted RR for barrier users vs. non-contraceptors = 0.11; RR for spermicide users vs. non-contraceptors = 0.39; all methods offered some protection	— Data on contraception missing for 42% of original population — No confirmation of use of method — No data on sexual behavior
36	Case-control	PID	OR for barrier users vs. all other women = 0.6 (0.5, 0.9); OR for barrier users vs. non-contraceptors = 0.6 (0.4; 0.9); similar results for spermicides alone, diaphragm alone compared with non-contraceptors	— Urinary tract infection patients common in control group — No confirmation of use of method — Possibility of recall bias
37	Retro-spective cohort	GC	Adjusted RR for spermicide users vs. oral contraceptive users and sterilized women = 0.2 (90% CI 0.1, 0.5)	— No information on sexual activity — No information on actual use or recency of use — No information on condom use
37	Case-control	GC	Adjusted OR = 0.1 (90% CI 0.1, 0.3) for spermicide users vs. other women	— Same as above
38	Case-control	GC	Adjusted OR = 0.7 (90% CI 0.4, 1.0) for spermicide users vs. non-contraceptors; joint spermicide and barrier use offered more protection than either alone	— Many spermicide users reported only occasional use
39	Clinical trial	GC	At 6 months, cumulative proportion uninfected = 97% in the cream group and 75% in the control group ($p < 0.05$)	— Very poor compliance with use of the foam — 34% of the women dropped out of the study before the first follow-up visit
40	Clinical trial	GC	6 month incidence rates 8.2%, 16.7% and 27.6% in the phenylmercuric acetate, nonoxynol-9 and placebo groups, respectively	— Follow-up only at one month intervals — Compliance with study protocol unknown — High drop-out rate — Inadequate analytical methods
41	Clinical trial	GC	Reinfection rate in the test clinic was lower than in the control clinic ($p < 0.12$) at 16 weeks of follow-up	— Poor compliance with the study protocol — Life-table reinfection rates different at 16 weeks but not in earlier periods

OR = odds ratio; RR = relative risk; unless otherwise indicated confidence intervals (CI) in parentheses are 95% intervals. GC = gonorrhea; PID = pelvic inflammatory disease; IUD = intrauterine device.

Clinical Trials

Conducted prospectively and designed to collect information on relevant variables before an STD develops, clinical trials tend to be the most demanding (also frequently the most time-consuming and expensive) test of a hypothesis. Clinical trials involving spermicide use and STDs are few, but offer further support for the protective effect of spermicides.

One small clinical trial enrolled 87 women who were using oral contraceptives or IUDs or who were sterilized, and who had had at least one gonorrhea infection in the previous year.[39] The women were randomly allocated to receive either single-dose packets of a cream containing nonoxynol-9 or no cream. Information on sexual activity was collected at biweekly follow-up visits. Despite increasingly poor compliance with the study protocol, there was a statistically significant decrease ($p<0.05$) in the six-month, but not the twelve-month, life-table gonorrhea infection rate in the spermicidal cream group.

In a double-blind randomized study,[40] 138 women were allocated to receive either phenylmercuric acetate suppositories, nonoxynol-9 suppositories or placebo suppositories. Seventy-seven women remained in the study for the entire six-month period. The crude gonorrhea incidence rates in the phenylmercuric acetate, nonoxynol-9 and placebo groups were 8.2%, 16.7%, and 27.6%, respectively,

and the difference between the phenylmercuric acetate and placebo rates was significant at the 0.05 level. The experience of the 61 women who did not complete the six-month observation period was not reported, however.

A third clinical trial took place at two STD clinics using women treated for confirmed gonorrhea.[41] The women at one clinic were provided phenylmercuric acetate vaginal suppositories; no change in patient management occurred at the other clinic. Women at both clinics were followed at 30-day intervals, at which time information on the number of sexual contacts, the regularity of use of the suppositories and administration of antibiotics was collected. Although compliance was poor, the reinfection rate in the clinic distributing suppositories was lower than that in the control clinic (not statistically significant), and lower than it had been before the suppositories were introduced ($p<0.05$). In contrast to the first clinical trial described above, the life-table infection rates were similar early in the study (0-6 weeks) and only became significantly different in the period 6-16 weeks.

Conclusions

Numerous studies utilizing different methodologies and approaches consistently indicate that spermicides, often used in conjunction with barriers, markedly reduce the risk of endocervical gonorrhea. Epidemiologic investigations now in progress, including a clinical trial conducted by Family Health International, indicate that chlamydia may be even more sensitive to spermicides than gonorrhea (unpublished data).

Improved definition of the non-contraceptive benefits conferred by spermicides is an important step toward better contraceptive decision-making. This work suggests that couples may choose to use spermicides in conjunction with other means of contraception as an independent means of reducing the risk of STD infection.

Acknowledgement

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References

1. Sanders LL, Harrison HR, Washington AE. Treatment of sexually transmitted chlamydial infections. JAMA 1986;255:1750-6.
2. Thompson SE, Washington AE. Epidemiology of sexually transmitted *Chlamydia trachomatis* infections. Epidemiol Rev 1983;5:96-123.
3. Johannisson G, Lowhagen G-B, Lycke E. Genital *Chlamydia trachomatis* infection in women. Obstet Gynecol 1980;56:671-5.
4. Tam MR, Stamm WE, Handsfield HH, et al. Culture-independent diagnosis of *Chlamydia trachomatis* using monoclonal antibodies. N Engl J Med 1984;310:1146-50.
5. Jones MF, Smith TF, Houglum AJ, et al. Detection of *Chlamydia trachomatis* in genital specimens by the Chlamydiazyme test. J Clin Microbiol 1984;20:465-7.
6. Jones RB, Mammel JB, Shepard MK, Fisher RR. Recovery of *Chlamydia trachomatis* from the endometrium of women at risk for chlamydial infection. Am J Obstet Gynecol 1986;155:35-9.
7. Arya OP, Mallinson H, Goddard AD. Epidemiological and clinical correlates of chlamydial infection of the cervix. Br J Vener Dis 1981;57:118-24.
8. Nayyar KC, O'Neill JJ, Hambling MH, et al. Isolation of *Chlamydia trachomatis* from women attending a clinic for sexually transmitted diseases. Br J Vener Dis 1976;52:396-8.
9. Svensson L, Westrom L, Ripa KT, et al. Differences in some clinical and laboratory parameters in acute salpingitis related to culture and serologic findings. Am J Obstet Gynecol 1980;108:1017-21.
10. Hardy PH, Nell EE, Spence MR, et al. Prevalence of six sexually transmitted disease agents among pregnant inner-city adolescents and pregnancy outcome. Lancet 1984;2:333-7.
11. Thompson S, Lopez B, Wong KH, et al. A prospective study of chlamydia and mycoplasma infections during pregnancy; relation to pregnancy outcome and maternal morbidity in chlamydial infections, in Mardh P-A, Holmes KK, Oriel JD, et al. (eds), Chlamydial Infections. New York: Elsevier Biomedical Press, 1982, pp. 155-8.
12. Heggie AD, Lumicao GG, Stuart LA, et al. *Chlamydia trachomatis* infection in mothers and infants — a prospective study. Am J Dis Child 1981;135:507-11.
13. Harrison HR, Alexander ER, Weinstein L, et al. Cervical *Chlamydia trachomatis* and mycoplasma infections in pregnancy: epidemiology and outcomes. JAMA 1983;250:1721-7.
14. Martin DH, Koutsky L, Eschenbach DA, et al. Prematurity and perinatal mortality in pregnancies complicated by maternal *Chlamydia trachomatis* infections. JAMA 1982;247:1585-8.
15. Zaidi AA, Aral SO, Reynolds GH, et al. Gonorrhea in the United States: 1967-1979. Sex Transm Dis 1983;10:72-6.
16. Centers for Disease Control. Annual summary 1982: reported morbidity and mortality in the United States. MMWR 1983;31:29-33.
17. Barnes RC, Holmes KK. Epidemiology of gonorrhea: current perspectives. Epidemiol Rev 1984;6:1-30.
18. McCormack WM. Sexually transmitted disease: women as victims. JAMA 1982;248:177-9.
19. Stamm WE, Guinan ME, Johnson C, et al. Effect of treatment regimens for *Neisseria gonorrhoeae* on simultaneous infection with *Chlamydia trachomatis*. N Engl J Med 1984;310:545-9.
20. Pratt WF, Mosher WD, Bachrach CA, et al. Understanding U.S. fertility: findings from the National Survey of Family Growth, Cycle III. Pop Bull 1984;39, #5.
21. Singh B, Cutler JC, Utidjian HMD. Studies on the development of a vaginal preparation providing both prophylaxis against venereal disease and other genital infections and contraception. II — Effect in vitro of vaginal contraceptive and non-contraceptive preparations on *Treponema pallidum* and *Neisseria gonorrhoeae*. Br J Vener Dis 1972;48:57-64.
22. Singh B, Cutler JC, Utidjian HMD. Studies on development of a vaginal preparation providing both prophylaxis against venereal disease, other genital infections and contraception. II — In vitro effect of vaginal contraceptive and selected vaginal preparations on *Candida albicans* and *Trichomonas vaginalis*. Contraception 1972;5:401-11.
23. Cowan ME, Cree GE. A note on the susceptibility of *N. gonorrhoeae* to contraceptive agent Nonyl-p. Br J Vener Dis 1973;49:65-6.
24. Bolch OH, Warren JC. In vitro effects of Emko on *Neisseria gonorrhoeae* and *Trichomonas vaginalis*. Am J Obstet Gynecol 1973;115:1145-8.
25. Singh B, Postic B, Cutler JC. Virucidal effect of certain chemical contraceptives on type 2 herpesvirus. Am J Obstet Gynecol 1976;126:422-5.
26. Asculai SS, Weis MT, Rancourt MW, et al. Inactivation of herpes simplex virus by nonionic surfactants. Antimicrob Agents Chemother 1978;13:686-90.
27. Singh B, Cutler JC. Demonstration of a spirocheticidal effect by chemical contraceptives on *Treponema pallidum*. Bull Pan Am Health Org 1982;16:59-64.
28. Amortegui AJ, Melder RJ, Meyer MP, et al, The effect of chemical intravaginal contraceptives and betadine on *Ureaplasma urealyticum*. Contraception 1984;30:135-40.
29. Allicotti GM, Jensen RH, Berger KL, et al. Prophylactic properties of the Today contraceptive sponge. Presented at the annual meeting of the Association of Planned Parenthood Professionals, Seattle, Washington, October 1985.
30. Hicks DR, Martin LS, Getchell JP, et al. Inactivation of HTLV-III/LAV-infected cultures of normal human lymphocytes by nonoxynol-9 in vitro. Lancet 1985;2:1422-3.
31. Voeller B. Nonoxynol-9 and HTLV-III. Lancet 1986;1:1153.
32. Lazar A. *Trichomonas vaginalis* infection: incidence with use of various contraceptive methods. J Med Soc NJ 1970;67:225-6.
33. Noonan AS, Adams JB. Gonorrhea screening in an urban hospital family planning program. Am J Public Health 1974;64:700-4.
34. Berger GS, Keith L, Moss W. Prevalence of gonorrhea among women using various methods of contraception. Br J Vener Dis 1975;51:307-9.
35. Quinn RW, O'Reilly KR. Contraceptive practices of women attending the sexually transmitted disease clinic in Nashville, Tennessee. Sex Transm Dis 1985;12:99-102.
36. Kelaghan J, Rubin GL, Ory HW, et al. Barrier-method contraceptives and pelvic inflammatory disease. JAMA 1982;248:184-7.
37. Jick H, Hannan MT, Stergachis A, et al. Vaginal spermicides and gonorrhea. JAMA 1982;248:1619-21.
38. Austin H, Louv WC, Alexander WJ. A case-control study of spermicides and gonorrhea. JAMA 1984;251:2822-4.
39. Cutler J, Singh B, Carpenter U, et al. Vaginal contraceptives as prophylaxis against gonorrhea and other sexually transmissible diseases. Adv Plan Parenthood 1977;12:45-56.
40. Rendon AL, Covarrubias J, McCarney KE, et al. A controlled comparative study of phenylmercuric acetate, nonoxynol-9 and placebo vaginal suppositories as prophylactic agents against gonorrhea. Curr Ther Res 1980;27:780-3.
41. Cole CH, Lacher TG, Bailey JC, et al. Vaginal chemoprophylaxis in the reduction of reinfection in women with gonorrhea; clinical evaluation of the effectiveness of a vaginal contraceptive. Br J Vener Dis 1980;56:314-8.



CONTROL ACID RAIN

with once-a-night h.s. therapy for active duodenal ulcers

Only one tablet at bedtime

Controls nocturnal acid to relieve pain and heal duodenal ulcers

Heals active duodenal ulcers after 4 weeks in most patients*[1]



In well-controlled, double-blind, multicenter trials ZANTAC 300 mg h.s. healed active duodenal ulcers in 84% of patients after 4 weeks. After 8 weeks, healing rates may be higher with ZANTAC 150 mg b.i.d. (92%) than with ZANTAC 300 mg h.s. (87%).

Relieves pain and other symptoms as effectively as ZANTAC 150 mg b.i.d.[1]

Zantac 300

ranitidine HCl/Glaxo 300 mg tablets

Once-daily dosing may enhance compliance in patients for whom dosing convenience is important

Side-effects profile comparable to ZANTAC 150 mg b.i.d.[1-3]

Headache—sometimes severe—has been reported. Rare effects on the CNS, cardiovascular, GI, hepatic, and integumental systems have been observed, as well as rare cases of hypersensitivity reactions. See ADVERSE REACTIONS section of Brief Summary of Product Information before prescribing.

No significant interference with the hepatic cytochrome P-450 enzyme system at recommended doses

ZANTAC 300 mg h.s. had no significant drug interactions with theophylline or warfarin. The bioavailability of certain medications whose absorption is dependent on a low gastric pH may be altered when ZANTAC or other medications which decrease gastric acidity are administered.



*It is not known exactly how much acid inhibition is needed to heal ulcers.

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See next page for references and Brief Summary of Product Information.

IN ACTIVE DUODENAL ULCERS

Once-a-night h.s. therapy controls acid rain

Zantac® 300
ranitidine HCl/Glaxo 300 mg tablets

References: 1. Data available on request, Glaxo Inc. **2.** Ireland A, Colin-Jones DG, Gear P, et al: Ranitidine 150 mg twice daily vs 300 mg nightly in treatment of duodenal ulcers. *Lancet* 1984;2:274-275. **3.** Colin-Jones DG, Ireland A, Gear P, et al: Reducing overnight secretion of acid to heal duodenal ulcers. *Am J Med* 1984; 77 (suppl 5B):116-122.

ZANTAC® 150 Tablets
(ranitidine hydrochloride)
ZANTAC® 300 Tablets
(ranitidine hydrochloride)

BRIEF SUMMARY OF PRODUCT INFORMATION

See complete product information before prescribing. The following is a brief summary.

INDICATIONS AND USAGE: ZANTAC® is indicated in:
1. Short-term treatment of **active duodenal ulcer.** Most patients heal within four weeks.
2. **Maintenance therapy** for duodenal ulcer patients at reduced dosage after healing of acute ulcers.
3. The treatment of **pathological hypersecretory conditions** (eg, Zollinger-Ellison syndrome and systemic mastocytosis).
4. Short-term treatment of **active, benign gastric ulcer.** Most patients heal within six weeks and the usefulness of further treatment has not been demonstrated.
5. Treatment of **gastroesophageal reflux disease (GERD).** Symptomatic relief commonly occurs within one or two weeks after starting therapy. Therapy for longer than six weeks has not been studied.

In active duodenal ulcer; active, benign gastric ulcer; hypersecretory states; and GERD, concomitant antacids should be given as needed for relief of pain.

CONTRAINDICATIONS: ZANTAC® is contraindicated for patients known to have hypersensitivity to the drug.

PRECAUTIONS: General: 1. Symptomatic response to ZANTAC® therapy does not preclude the presence of gastric malignancy. 2. Since ZANTAC is excreted primarily by the kidney, dosage should be adjusted in patients with impaired renal function. Caution should be observed in patients with hepatic dysfunction since ZANTAC is metabolized in the liver.

Laboratory Tests: False-positive tests for urine protein with Multistix® may occur during ZANTAC therapy, and therefore testing with sulfosalicylic acid is recommended.

Drug Interactions: Although ZANTAC has been reported to bind weakly to cytochrome P-450 in vitro, recommended doses of the drug do not inhibit the action of the cytochrome P-450-linked oxygenase enzymes in the liver. However, there have been isolated reports of drug interactions which suggest that ZANTAC may affect the bioavailability of certain drugs by some mechanism as yet unidentified (eg, a pH-dependent effect on absorption or a change in volume of distribution).

Carcinogenesis, Mutagenesis, Impairment of Fertility: There was no indication of tumorigenic or carcinogenic effects in lifespan studies in mice and rats at doses up to 2,000 mg/kg/day.

Ranitidine was not mutagenic in standard bacterial tests (*Salmonella, E coli*) for mutagenicity at concentrations up to the maximum recommended for these assays.

In a dominant lethal assay, a single oral dose of 1,000 mg/kg to male rats was without effect on the outcome of two matings per week for the next nine weeks.

Pregnancy: *Teratogenic Effects: Pregnancy Category B:* Reproduction studies have been performed in rats and rabbits at doses up to 160 times the human dose and have revealed no evidence of impaired fertility or harm to the fetus due to ZANTAC. There are, however, no adequate and well-controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed.

Nursing Mothers: ZANTAC is secreted in human milk. Caution should be exercised when ZANTAC is administered to a nursing mother.

Pediatric Use: Safety and effectiveness in children have not been established.

Use in Elderly Patients: Ulcer healing rates in elderly patients (65 to 82 years of age) were no different from those in younger age groups. The incidence rates for adverse events and laboratory abnormalities were also not different from those seen in other age groups.

ADVERSE REACTIONS: The following have been reported as events in clinical trials or in the routine management of patients treated with oral ZANTAC®. The relationship to ZANTAC therapy has been unclear in many cases. Headache, sometimes severe, seems to be related to ZANTAC administration.

Central Nervous System: Rarely, malaise, dizziness, somnolence, insomnia, and vertigo. Rare cases of reversible mental confusion, agitation, depression, and hallucinations have been reported, predominantly in severely ill elderly patients.

Cardiovascular: Rare reports of tachycardia, bradycardia, and premature ventricular beats.

Gastrointestinal: Constipation, diarrhea, nausea/vomiting, and abdominal discomfort/pain.

Hepatic: In normal volunteers, SGPT values were increased to at least twice the pretreatment levels in 6 of 12 subjects receiving 100 mg qid IV for seven days, and in 4 of 24 subjects receiving 50 mg qid IV for five days. With oral administration there have been occasional reports of reversible hepatitis, hepatocellular or hepatocanalicular or mixed, with or without jaundice.

Musculoskeletal: Rare reports of arthralgias.

Hematologic: Rare reports of reversible leukopenia, granulocytopenia, thrombocytopenia, and pancytopenia.

Endocrine: Controlled studies in animals and man have shown no stimulation of any pituitary hormone by ZANTAC and no antiandrogenic activity, and cimetidine-induced gynecomastia and impotence in hypersecretory patients have resolved when ZANTAC has been substituted. However, occasional cases of gynecomastia, impotence, and loss of libido have been reported in male patients receiving ZANTAC, but the incidence did not differ from that in the general population.

Integumental: Rash, including rare cases suggestive of mild erythema multiforme, and, rarely, alopecia.

Other: Rare cases of hypersensitivity reactions (eg, bronchospasm, fever, rash, eosinophilia) and small increases in serum creatinine.

DOSAGE AND ADMINISTRATION: Active Duodenal Ulcer: The current recommended adult oral dosage is 150 mg twice daily. An alternate dosage of 300 mg once daily at bedtime can be used for patients in whom dosing convenience is important. The advantages of one treatment regimen compared to the other in a particular patient population have yet to be demonstrated.

Maintenance Therapy: The current recommended adult oral dosage is 150 mg at bedtime.

Pathological Hypersecretory Conditions (such as Zollinger-Ellison Syndrome): The current recommended adult oral dosage is 150 mg twice a day. In some patients it may be necessary to administer ZANTAC® 150-mg doses more frequently. Dosesshould be adjusted to individual patient needs, and should continue as long as clinically indicated. Doses up to 6 g/day have been employed in patients with severe disease.

Benign Gastric Ulcer: The current recommended adult oral dosage is 150 mg twice a day.

GERD: The current recommended adult oral dosage is 150 mg twice a day.

See full prescribing information for dosage adjustment for patients with impaired renal function.

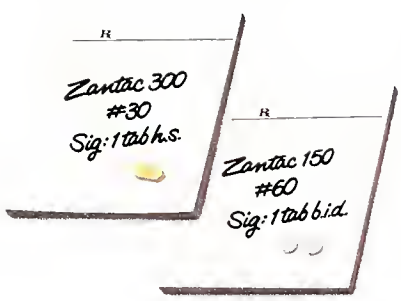
HOW SUPPLIED: ZANTAC® 300 Tablets (ranitidine hydrochloride equivalent to 300 mg of ranitidine) are yellow, capsule-shaped tablets embossed with "ZANTAC 300" on one side and "Glaxo" on the other. They are available in bottles of 30 (NDC 0173-0393-40) and unit dose packs of 100 tablets (NDC 0173-0393-47).

ZANTAC® 150 Tablets (ranitidine hydrochloride equivalent to 150 mg of ranitidine) are white tablets embossed with "ZANTAC 150" on one side and "Glaxo" on the other. They are available in bottles of 60 tablets (NDC 0173-0344-42) and unit dose packs of 100 tablets (NDC 0173-0344-47).

Store between 15° and 30°C (59° and 86°F) in a dry place. Protect from light. Replace cap securely after each opening.

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Two effective regimens to treat active duodenal ulcers:



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SCIENTIFIC ARTICLE

Detection of Retained Wood Following Trauma

Thomas E. Brewer, Jr., M.D., and Ralph B. (Monty) Leonard, Ph.D., M.D.

• *Wood is the most difficult kind of foreign body to detect. There are several imaging techniques that may be helpful.*

RETAINED foreign bodies are not uncommon and should be considered in the management of every laceration or puncture wound. The wound itself may be benign but a retained foreign body can cause secondary infection, chronic inflammation, or progressive injury to adjacent vessels, nerves, tendons, and joints.

Although the list of potential types of retained foreign bodies is large, metal, glass, and wood are the types most frequently encountered. Anderson and colleagues,[1] in a retrospective review of 200 patients with retained foreign bodies, found that wood had accounted for 36% of cases, metal for 33%, and glass for 23%. They also found that wood was the most difficult of the foreign bodies to detect roentgenographically, accounting for 88% of the false-negative results at the time of initial treatment. Consequently, we reviewed the literature to learn what has been published on the detection of retained wood. Here we report our findings, presenting them within a routine for the workup of patients with suspected retained wooden foreign bodies.

Chemistry of Wood

Wood is composed primarily of cellulose, which forms the walls of cells, and of various hemicelluloses (polysaccharides) and lignins (phenylpropane polymers), which surround the cells. A small amount of wood (0.5-1.5 weight %) consists of chemical compounds such as resins, fats, terpenes, flavonoids, and stilbenes.[2] The chemical composition and the microstructure of all types of wood are essentially the same, and are the reasons for their low radiodensity on roentgenograms.

Wound Evaluation

The primary care physician must often evaluate and treat both fresh traumatic wounds and traumatic wounds that have undergone some degree of healing. In both cases one must keep in mind the fact that no wound is too small to harbor a foreign body. Thus, one must approach every wound with a high index of suspicion and begin the evaluation with a detailed history, followed by a thorough exploration of the wound. Excellent, detailed discussions of the search for foreign bodies are given by MacDowell and Jacobs[3] and Smoot and Robson.[4]

It must be kept in mind that a foreign body may have slipped between tissue planes or made a track that has closed behind it, either instance leading to a situation where the foreign body is neither visible nor always detectable by probing. This necessitates tissue dissection in the search for a foreign body, but both the site of the wound and the degree of suspicion that a foreign body may be present tend to dictate the extent of that dissection. One does not wish to make a larger incision than is necessary or to dissect so much tissue that the patient is left with a wound much larger than the one originally sustained.

Glass and metal, being hard, are easy to detect by probing, and are visible on standard x-rays. Wood, however, is soft, and can be missed by probing. In addition, many physicians may not order imaging studies because they are not familiar with the extent to which wood is visible by the various techniques. Consequently, before the wound evaluation can proceed to diagnostic imaging, one must know the degree of confidence that can be placed on the various available imaging techniques.

Conventional roentgenography is advisable before any exploration. There are conflicting reports in the literature concerning the value of plain roentgenograms in the detection of suspected wooden foreign bodies. Anderson and colleagues[1] found that wood was detected roentgenographically in only 15% of proven cases. In an experimental study, Woesner and Sanders[5] went so far as to state that wood was "so poorly imaged on the conventional roentgenogram that it could not be diagnosed." However, in an experimental study Mucci and Stenhouse[6] found that pieces of seven common woods as thin as 3 mm that they had embedded in chicken legs were visible 100% of the time. These widely differing conclusions have led to confusion on the part of clinicians faced with a wound that may harbor a wooden foreign body.

As mentioned, the chemical composition and microstructure of wood contribute to the difficulty in imaging it roentgenographically. The attenuation of a roentgen beam by wood is less than that of soft tissues, and the result is

From the Section on Emergency Medical Services, Department of Surgery, Bowman Gray School of Medicine, Wake Forest University Medical Center, Winston-Salem 27103.

a filling defect. Thus, one must look for a relative lucency on a roentgenogram, not for a density such as one sees with metal or glass.[7]

When embedded in soft tissue, wood gradually absorbs water, and it then becomes even more isodense with the surrounding soft tissues and therefore even more difficult to recognize by conventional roentgenography. The seven types of wood studied by Mucci and Stenhouse,[6] which were visible roentgenographically soon after they were embedded in a chicken leg, were impossible to identify by plain roentgenograms once they had been soaked in water for one week and then embedded. This variation in visibility with time is important to remember, because many foreign bodies are not suspected until they begin to cause complications.[8]

Often, however, a chronically retained wooden foreign body may be diagnosed by conventional roentgenography if one looks for secondary changes. Simmons and colleagues[9] reported the case of a child with an injured knee whose initial roentgenograms had been interpreted as normal. Roentgenograms obtained five months later to assess a persistent mass showed a lytic lesion in the tibial epiphysis; a piece of wood was found in the area of the lesion during exploration.

Weston[10] described the case of a "pseudotumor" in the thigh of a 17-year-old patient. Plain roentgenograms of a persistent thigh mass showed marked swelling of the soft tissues of the thigh with obliteration of the normal interface between deep fascia and subcutaneous fat. The operative specimen contained a twig within the necrotic center of an inflammatory mass. A toothpick or other wooden splinter embedded in soft tissue may cause chronic irritation and secondary infection leading to bone and soft tissue changes that result in so-called "pseudotumors" or "osteomyelitis-like lesions" (such as periosteal reactions).[11,12] Sometimes wood fragments themselves, if retained in soft tissue for a long time, may become calcified,[13] and thus radiopaque. Hence, careful scrutiny of serial roentgenograms for these changes may provide a clue to a retained wooden foreign body in a traumatic wound that continues to cause difficulty.

Xeroradiography is an imaging technique that uses conventional roentgenograms, but instead of forming an image on the standard film, it stores the image on the charged surface of a photo conductor. This image is then transferred to a piece of special paper to produce a xerograph. Physicians who order mammograms are familiar with this process, but it can be used to image other parts of the body as well. It is especially useful for imaging soft tissue.

Xeroradiography appears to be superior to conventional roentgenography in the detection of nonmetal foreign bodies such as wood.[14] Taupmann and Martin[8] demonstrated that toothpicks and thorns embedded in beef were better visualized with xeroradiography than with plain roentgenograms because of the former's superior edge enhancement. Wood embedded in soft tissues for 48 hours or longer became waterlogged and was more difficult to detect with xeroradiography, as with plain roentgenography.

Woesner and Sanders[5] found that wood embedded in lamb shanks not detected by roentgenograpny was clearly visible on xeroradiographs. Tountas and colleagues[15] reported the case of a 35-year-old patient who fell on a frozen reed which penetrated his palm. Persistent tenderness brought him to the emergency department and, while plain roentgenograms were negative, the xeroradiograph showed a foreign body. Carneiro and colleagues[16] reported the case of a man who removed a dirty wooden stick that had punctured the web space in his left hand. The hand was examined in the emergency room and roentgenograms showed no evidence of retained fragments. Four days later the patient returned with a swollen, infected hand, and repeat roentgenograms were "suggestive but not diagnostic of" a foreign body. Xeroradiography, in contrast, clearly showed the presence of a foreign body, which was then removed.

While most xeroradiographs of the extremities are made in the negative mode, positive mode xeroradiography is better for imaging wooden foreign bodies.[5,17]

There is little information concerning the use of *ultrasound* in detecting wooden foreign bodies in soft tissues, other than in the brain and the eye. Enzmann and colleagues[18] found high-resolution ultrasound scans to be as accurate as computed tomography in detecting intracranial wood, bone, and metal fragments when the ultrasonic probe was on the brain surface. Gordon[19] reported having used ultrasound for more than a decade to localize not only intraocular glass but also intraocular wood splinters, flint, and plastic.

Computed tomography, while a more expensive procedure, is especially useful in the localization of foreign bodies in deep tissues or joints. Kuhns and colleagues[20] compared the detection of dry and waterlogged toothpicks implanted in a cadaver extremity and found that both were successfully visualized by computed tomography while neither was definitely identified by either xeroradiography or roentgenography. The waterlogged toothpick had the same density as clotted blood in adjacent vessels. Kuhns and colleagues also pointed out that bone may obscure foreign bodies in both roentgenograms and xeroradiographs, a problem not present with computed tomography.

Rhoades and colleagues[21] reported the successful use of computed tomography in the localization of a wooden foreign body in the hand. The wood had been embedded for six months and was not visible on fine-detailed roentgenograms, which showed only osteomyelitis of the adjacent bone. Bauer and Yutani[22] reported the successful use of computed tomography in the localization of wooden foreign bodies in both knee and thigh wounds.

Potential difficulties in using computed tomography are motion artifacts and the fact that foreign bodies may be missed unless contiguous scans through the entire area are made.

Conclusions

Wooden foreign bodies in soft tissues are a fairly common problem and detection is often a frustrating task. Being relatively radiolucent, wood is not readily detected by soft tissue roentgenography, but by no means is it always invisible, especially if one looks closely for filling defects. Thus, conventional roentgenography is a worth-

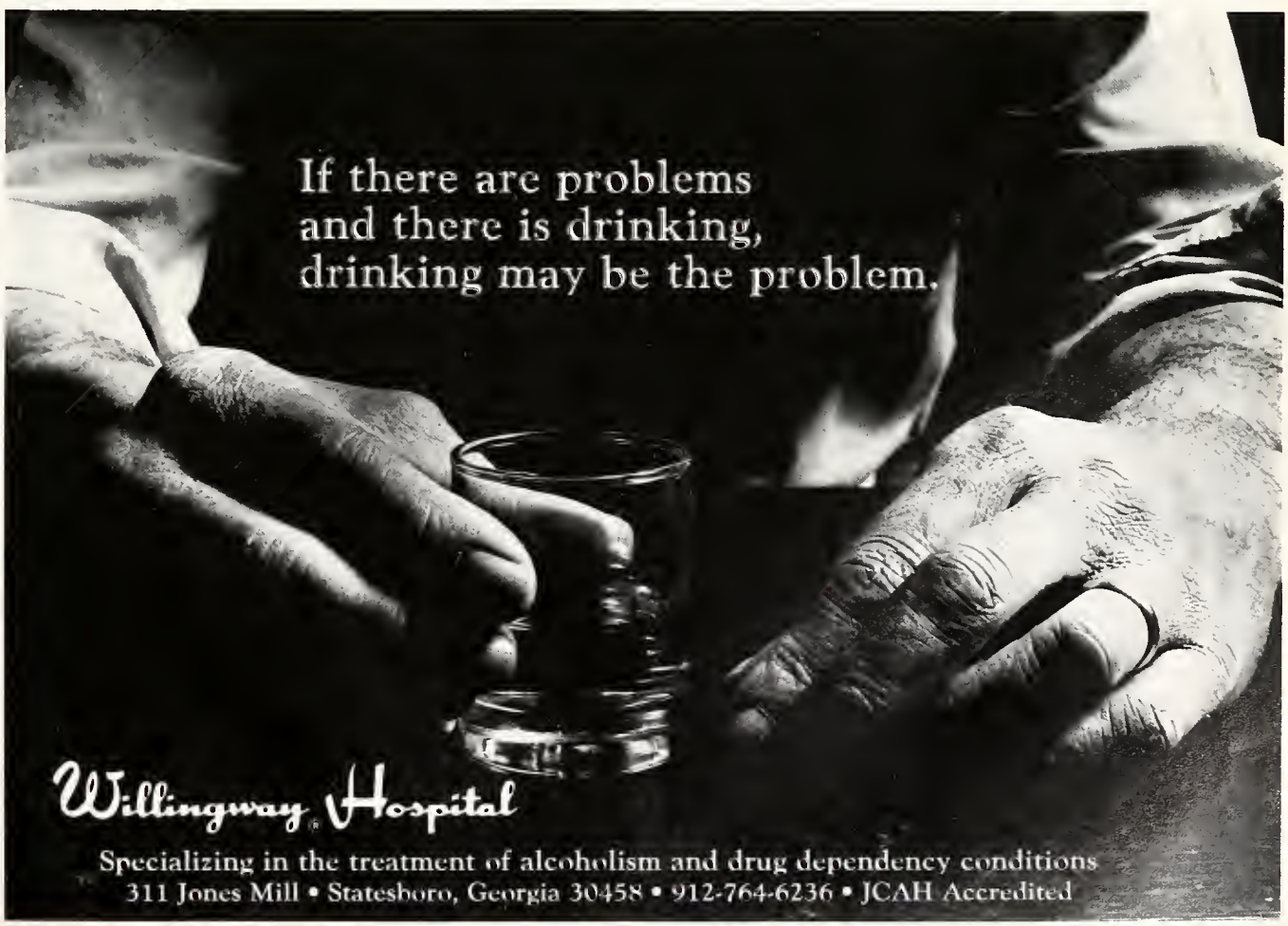
while screening tool and is warranted before any surgical exploration.

Due to its superior edge enhancement, xeroradiography is a more sensitive tool for the detection of wood, particularly if used in the positive mode. The duration of time that water-absorbent wood is embedded in soft tissue, especially if longer than 48 hours, decreases the efficacy of both of these tests.

Computed tomography has proved to be the most sensitive tool available, although even with it some waterlogged wooden foreign bodies may be difficult to visualize. In these cases, if symptoms warrant it, exploration may be necessary before the wooden foreign body is found.

References

1. Anderson MA, Newmeyer WL III, Kilgore ES Jr. Diagnosis and treatment of retained foreign bodies in the hand. Am J Surg 1982;144:63-7.
2. Sjöström E. Wood chemistry: fundamentals and Applications. New York: Academic Press, 1981, p. 223.
3. MacDowell RT, Jacobs R. Unsuspected foreign bodies in puncture wounds. Tips on detection and removal. J Musculoskel Med 1986;3:33-43.
4. Smoot EC, Robson MC. Acute management of foreign body injuries of the hand. Ann Emerg Med 1983;12:434-7.
5. Woesner ME, Sanders I. Xeroradiography: a significant modality in the detection of nonmetallic foreign bodies in soft tissues. AJR 1972;115:636-40.
6. Mucci B, Stenhouse G. Soft tissue radiography for wooden foreign bodies — a worthwhile exercise? Injury 1985;16:402-4.
7. Tandberg D. Glass in the hand and foot. Will an x-ray film show it? JAMA 1982;248:1872-4.
8. Taupmann RE, Martin JE. The detection of nonopaque foreign bodies by xeroradiography. South Med J 1975;68:1186-7.
9. Cracchiolo A III. Wooden foreign bodies in the foot. Am J Surg 1980;40:585-7.
10. Simmons BP, Southmayd WW, Schwartz HS, et al. Wood, an organic foreign body of bone. A case report. Clin Orthop 1975;106:276-8.
11. Weston WJ. Thorn and twig-induced pseudotumours of bone and soft tissues. Br J Radiol 1963;36:323-6.
12. Swischuk LE, Jorgenson F, Jorgenson A, et al. Wooden splinter induced "pseudotumors" and "osteomyelitis-like lesions" of bone and soft tissue. AJR 1974;122:176-9.
13. Louis D, Green TL, Poznanski AK. Burns, frostbite, foreign bodies and other traumatic lesions of the hand. In Poznanski AK, ed., The hand in radiologic diagnosis: with gamuts and pattern profiles, Vol 2.Philadelphia: WB Saunders Co., 1984 (2nd ed.), p. 722.
14. Poznanski AK. The hand in radiologic diagnosis: with gamuts and pattern profiles, Vol 1. Philadelphia: WB Saunders Co., 1984 (2nd ed.), pp. 117-20.
15. Tountas CP, MacDonald CJ, Artman R. Detection of foreign bodies in the hand utilizing xeroradiography. Minn Med 1978;61:296-7.
16. Carneiro RS, Okunski WJ, Heffernan AH. Detection of a relatively radiolucent foreign body in the hand by xeroradiography. Plast Reconstr Surg 1977;59:862-3.
17. Howe VA and Co. Ltd. Xeroradiography for foreign body detection. Radiography 1983;49:33.
18. Enzmann DR, Britt RH, Lyons B, et al. Experimental study of high-resolution ultrasound imaging of hemorrhage, bone fragments, and foreign bodies in head trauma. J Neurosurg 1981;54:304-9.
19. Gordon D. Non-metallic foreign bodies (Letter to the Editor). Br J Radiol 1985;58:574.
20. Kuhns LR, Borlaza GS, Seigel RS, et al. An *in vitro* comparison of computed tomography, xeroradiography, and radiography in the detection of soft-tissue foreign bodies. Radiology 1979;132:218-9.
21. Rhoades CE, Soye I, Levine E, et al. Detection of a wooden foreign body in the hand using computed tomography — case report. J Hand Surg 1982;7:306-7.
22. Bauer AR Jr, Yutani D. Computed tomographic localization of wooden foreign bodies in children's extremities. Arch Surg 1983;118:1084-6.



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North Carolina Medical Journal

Features for Patients December 1986

Swallowing in Neurologically-Impaired Adults

Jennifer Horner, Ph.D., E. Wayne Massey, M.D. and John E. Riski, Ph.D.

Eating is an essential and pleasurable activity. Most of us take swallowing for granted and do not concern ourselves with the complexities of the feeding and swallowing process. Unfortunately, individuals who have problems with muscle weakness or incoordination often have difficulty swallowing. The nature of the neurological illness causing impairment of the swallowing mechanism will influence the degree of swallowing difficulty and the rehabilitation potential. A growing number of medical centers nationwide have established swallowing programs aimed at diagnosis and rehabilitation of dysphagia. Typically, the "dysphagia team" is multidisciplinary. Table 1 (next page) outlines the responsibilities of the members of the dysphagia team at Duke University Medical Center.

In this article we describe normal swallowing, the radiologic evaluation, and three actual patients with swallowing difficulty resulting from neurological illness.

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Definition

Dysphagia refers to disorders of swallowing resulting from recognized neurological or anatomical deficits or from as yet unidentified causes. This article will focus on neurogenic dysphagia: acquired deficits in swallowing ability in the adult patient due to stroke, head trauma, or progressive neuromuscular diseases. Table 2 (next page) provides a partial list of types of neurological disorders that may result in dysphagia.

When cerebral disease affects either movement or sensation (i.e., motor or sensory neural pathways) responsible for the voluntary or involuntary aspects of feeding and swallowing, dysphagia results. Dysphagia may occur suddenly — following stroke, for example — or gradually, as in progressive illness. Dysphagia may range from mild to severe in degree. Swallowing function can be improved in many patients but not all. In patients with severe dysphagia, oral feeding may be unsafe and nutritional support must be by non-oral means such as gastrostomy. At Duke University Medical Center, a thorough multidisciplinary evaluation is believed to be essential to restore safe oral nutrition for all those dysphagic individuals who show rehabilitation potential.

Incidence and Prevalence

A review of the incidence and prevalence of neurological disease suggests that the number of individuals suffering from dysphagia may be very large. About 14 of every 1,000 persons in the population have some form of neurological disease;[1] and each year, approximately eight persons in 1,000 in the general population are newly affected. The ages at which the different progressive neurological diseases are likely to occur differ with the disease. For example, multiple sclerosis usually begins at between 20 and 40 years; Parkinson's disease, after 50; and amyotrophic lateral sclerosis, between 40 and 60.[1]

The major causes of acute (sudden onset) neurological injury are head trauma and stroke. Each year, approximately 10 of 1,000 Americans will sustain serious head injuries, usually in automobile accidents. Head injury may occur at any age, but young adults are most often the unfortunate victims.[2]

Stroke, on the other hand, is related to greater age. Under the age of 35, stroke is rare; under 45, infrequent. Among persons 45-54 years

Table 1
The Dysphagia Team

Neurologist; Neurosurgeon. Refers patient to the Speech/Language Pathologist for swallowing evaluation, in some cases before and after surgery. Rules out contraindications to a barium swallow evaluation, including optional postural changes. Establishes care plan and monitors nutritional status of patient in collaboration with consultants, nursing staff, and therapists.

Speech/Language Pathologist. Consults to all medical-surgical services within the medical center. Obtains a neurologic evaluation without exception before conducting a radiologic evaluation. Conducts clinical and videofluoroscopic evaluations, the latter in collaboration with a Gastraintestinal (G.I.) Radiologist.

Gastraintestinal Radiologist. Collaborates with the Speech/Language Pathologist in conducting the videofluoroscopic evaluation ("modified barium swallow"). Conducts standard barium swallow (upper G.I. series) separately as indicated.

Otolaryngologist. The ear, nose and throat (E.N.T.) specialist evaluates the oral cavity, pharynx and larynx for structural abnormalities. Evaluates vocal cord function, especially in patients with abnormal voice quality or known aspiration.

Nursing Staff. A vital part of the dysphagia team. Often identifies the patient with swallowing difficulty and requests a consultation by Speech/Language Pathology. Integrates feeding/swallowing recommendations into the nursing care plan. Supervises and assists patients during meals. Counsels family. Acts as liaison between all members of the rehabilitation team.

Dietician. Monitors nutritional intake (oral and non-oral feedings); establishes dietary changes following recommendations of the attending physician.

Occupational therapist. Evaluates arm-mouth coordination for oral feeding; assesses need for adaptive braces or feeding equipment. May assist nursing staff with actual feeding as part of morning care and therapy for activities of daily living.

Physical therapist. Conducts chest physical therapy in addition to other forms of physical therapy.

Respiratory therapist. Monitors and treats pulmonary function.

Family member or caretaker. Following counselling, the family member becomes a member of the dysphagia team. S/he is taught the basics of swallowing and learns how to supervise or assist the patient. Prior to the patient's hospital discharge, the family member or caretaker may consult with the dietician to learn new means of food preparation. The type of food, the amount of food, and the appropriate posture of the patient during eating must be monitored by the family member to assure safe feeding and swallowing following return home.

The patient. Factors that affect all aspects of rehabilitation include alertness, awareness of problem(s), learning ability, exercise of good judgment, and behavioral self-control. Compliance with dietary and feeding recommendations is a responsibility which the successful patient will share with his or her family and other members of the dysphagia team.

Table 2
Acquired Neurogenic Dysphagias

A partial alphabetic listing of neurologic entities in which dysphagia may be a problem.

- Amyotrophic lateral sclerosis
- Brain tumor
- Cerebrovascular accident (stroke)
- Head trauma
- Idiopathic dysphagia associated with advanced age
- Multiple sclerosis
- Myasthenia gravis
- Oculopharyngeal dystrophy
- Parkinson's disease
- Torticollis (and other dystonias)

of age, stroke occurs in one of every 1,000; among those 55-64, in about four of every 1,000; among those 54-74, in nine of every 1,000; and among those over 75, in 30 of every 1,000.[3] The incidence of stroke has declined almost 50% in the past 25 years;[4] however, the number of elderly has dramatically increased. As the elderly population grows, the incidence of dysphagia will undoubtedly increase. These data show that evaluation and treatment of dysphagia are vital and necessary on the part of professionals involved in the care of neurologically-impaired adults.

As more health professionals became involved, there is increasing recognition of the magnitude of the problem. The Editor-in-Chief of the new journal *Dysphagia* wrote: "Swallowing disorders are far more prevalent than commonly supposed . . . One of the nation's largest nursing home corporations reports that 40% of its residents suffer from some degree of feeding or swallowing disability."[5] Groher and Bukatman[6] analyzed the incidence of swallowing disorders in two major hospitals in New York City and found it consistent at 12-13%. At the Rehabilitation Institute of Chicago, 42% of all types of neurologically-impaired patients seen in the speech department required dysphagia evaluation and/or treatment.[7] A significant percentage of stroke patients suffer from disturbed swallow function. When the files of stroke patients were reviewed for one year at Northwestern University, it was found that 28% had dysphagia.[8]

Normal Swallowing

The normal swallow involves four phases:[9,10]

1. Oral-preparatory
2. Reflex initiation
3. Pharyngeal
4. Esophageal

Figure 1 (facing page) is a diagram of anatomical structures important to swallowing.

In the first phase, bites of food or sips of liquid ("boluses") are prepared for swallowing. Oral preparation involves closure of the lips, tension in the cheeks, brisk movement of the tongue, rotary movement of the jaw for chewing, and downward movement of the soft palate (velum) to allow continuous breathing through the nose during oral preparation. Saliva mixes with the bolus during this phase, marking the beginning of the digestive process.[11] According to Kennedy and Kent, oral preparation determines the fluid texture of the bolus, " . . . a critical element without which swallowing becomes difficult if not impossible."[11] At the end of the oral-preparatory

phase, just before the swallow reflex is initiated, the tongue makes a strong "stripping" or peristaltic movement against the roof of the mouth (palate) and pulls the food or liquid bolus into a relatively cohesive whole at the back of the tongue.

The second phase of swallowing is initiation of the reflex itself. The swallow reflex begins at the back of the tongue and is completed when the bolus has entered the food tube (esophagus). The swallow reflex is a combination of learned, voluntary movements and automatic, completely reflexive movements. Voluntary initiation of swallowing occurs as the tongue elevates briskly toward the palate, causing contraction of the muscles that arch, like pillars, between the back of the tongue and the palate (the "faucial pillars"). This seemingly simple muscular act actually engages an intricate series of automatic movements that are mediated by the brainstem.

The five essential movements comprising the swallow reflex are summarized in table 3. These are: closure of the soft palate against the back of the throat (pharynx); contraction (peristalsis) of the pharyngeal muscles; elevation of the larynx; closure of the vocal cords; and relaxation of the esophageal opening.

The third phase of swallowing is the pharyngeal (or pharyngeal-laryngeal) phase. It is very rapid (about one second). It requires coordination of many muscles, most important of which is protection of the airway. Airway protection is accomplished primarily by closure of the vocal cords, which coincides with elevation of the larynx. Normally, the epiglottis will fall over the opening of the larynx (laryngeal vestibule) as the larynx elevates.

The fourth and final phase of swallowing is the esophageal phase. This involves relaxation of the opening of the upper esophagus, followed immediately by esophageal contraction or peristalsis. This last phase of peristalsis carries food rapidly downward into the stomach.

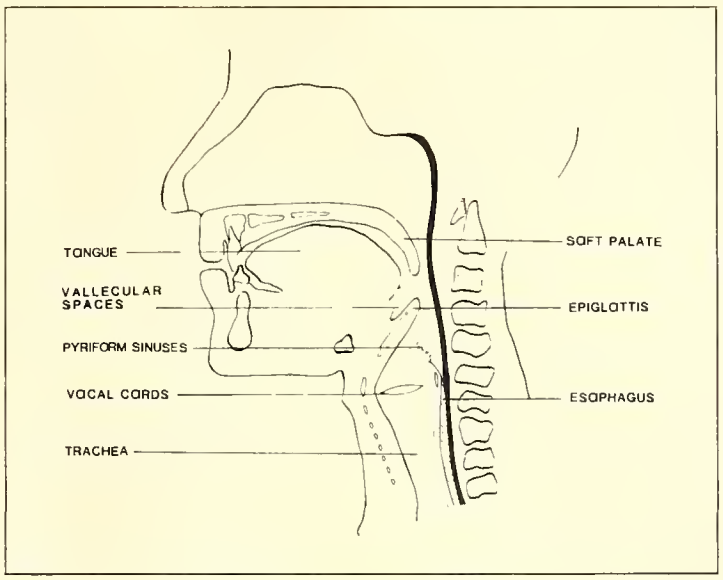


Figure 1. A lateral view of the head and neck showing major anatomical structures important to swallowing.

Table 3
The Swallowing Reflex: Five Essential Movements

Velar elevation. As the soft palate (velum) lifts up and back, it closes the passageway between the mouth and nose, preventing regurgitation into the nose. Breathing ceases momentarily as food is swallowed.

Pharyngeal peristalsis. Successive waves of involuntary contraction of muscles along the walls of the throat (pharynx), forcing the food/liquid contents downward.

Laryngeal elevation. The voice box (larynx) is the doorway to the airway (trachea); as it lifts, the epiglottis tilts over the laryngeal vestibule. These combined actions protect the trachea from food or liquid passing through the pharynx.

Vocal cord closure. As the larynx elevates, the two vocal cords within the larynx close together, thus providing the most important aspect of airway protection. If food or liquid should spill over into the airway, coughing, another major function of the vocal cords, will occur, thereby pushing matter upward and away from the trachea.

Esophageal relaxation. During breathing or talking, the opening of the food tube (esophagus) remains closed, like a collapsed tube. When swallowing occurs, and food passes through the pharynx, the muscle at the top of the esophagus relaxes, opening the esophagus and allowing food to pass through it into the stomach.

Evaluation of Swallowing

Clinical Evaluation

The first step of a swallowing evaluation is a patient interview. The patient is asked: Do you have a problem eating? When did it start? Which is more difficult for you to swallow, food or liquid? Do you choke or strangle? and so on. An evaluation of mental status is frequently indicated. This involves an assessment of state of arousal, orientation, memory, receptive and expressive language, judgment, and insight. The patient is observed for habitual posture as well as spontaneous swallowing or coughing. An oral-facial examination is conducted to assess range, speed, strength and coordination of muscle movements. Sensation of the lips, face, and tongue in response to light touch is also tested. A gag reflex is elicited by touching the back of the tongue or the pharynx itself. The patient is asked to cough vigorously and to swallow voluntarily. Management of foods and liquids is observed during a meal, or, if the patient is on doctors' orders for no oral feeding (NPO), a dry swallow is elicited.

Finally, the quality of speech will be assessed for clarity, rate, speech sound production, loudness, melody,

and voice quality. A harsh, tremulous, breathy, or "wet" voice quality may signal problems with nervous system control of vocal fold function. Abnormal voice quality (dysphonia) related to a neurological disorder is frequently a sign of a coexisting swallowing problem.

If a patient is found to be normal or shows only mild impairment on the clinical exam for oral motor and sensory function, speech quality, gag, cough, and swallow, the Speech/Language Pathologist may judge him or her to be safe for oral feeding. The medical history and the patient's cognitive and communicative status are very important factors in the decision to proceed with oral feeding. The patient with recurrent pulmonary infections, weight loss with oral feedings, and/or poor understanding of directions to modify the swallow may be a poor candidate for resuming oral feeding. All findings and concerns are reported to the attending physician who will then request further consultations as needed (e.g., Otolaryngology, Gastroenterology).

The clinical exam allows only indirect observation of the complex muscle movements of swallowing. The integrity of the five essential movements of the swallow reflex (table 3) must be inferred from the clinical evaluation. It is for this reason that a videofluoroscopic evaluation is indicated for all patients for whom difficulty in swallowing cannot be ruled out with confidence.

Videofluoroscopic Evaluation

The swallowing evaluation approach developed by Logemann[10] is used at Duke University Medical Center. This is referred to as a "modified barium swallow" study because it focuses on oral-pharyngeal function and only screens esophageal function. This videofluoroscopic evaluation involves taking a "moving picture x-ray" of the mouth, pharynx, larynx, and upper esophagus while the patient swallows small amounts of barium. Barium is a substance that can be seen readily on x-ray. The evaluation is conducted by the Speech/Language Pathologist and G.I. Radiologist. We administer small (1/3 regular teaspoon) amounts of liquid barium, paste barium, and paste barium on a small piece of cookie. The patient sits upright during the study and is expected to swallow on request. A videotape is made that shows swallowing from the side (lateral view) and the front (anterior-posterior view).

A videofluoroscopic study is conducted to assure that barium boluses are passing safely through the pharynx into the esophagus. If material passes through the vocal folds (the larynx) into the trachea, this is described as aspiration. Aspiration may occur for several reasons related directly or indirectly to weakness or incoordination of the swallowing mechanism. The primary purpose of videofluoroscopy, therefore, is to identify (or rule out) aspiration or to identify the risk for aspiration. The second purpose is to identify specifically *where* in the swallowing process problems occur and *why*. Problems frequently seen in neurologically-impaired patients are bolus hesitation, delayed swallow reflex, muscle weakness causing reduced peristalsis, and/or incomplete vocal fold closure.

When the nature of the swallowing difficulty is understood, the examiner attempts to identify which textures, if any, may be safe for the patient to swallow. In many patients with oral-pharyngeal weakness, liquids are more difficult to swallow than soft or solid foods. In some cases, postural adjustments may help a patient achieve a safer swallow. For example, a patient with weakness on one side of the throat may benefit from either head turning or tilting to compensate for the weakness. Such compensations are highly individual and must be evaluated during videofluoroscopy.

When swallowing dysfunction is severe (when there is aspiration or significant risk for aspiration), it may be necessary to maintain a "nothing by mouth" (NPO) status. Many patients, however, may be able to eat by mouth if they follow specific recommendations. The videofluoroscopic evaluation allows the Speech/Language Pathologist to develop specific, individualized recommendations regarding the best food texture, the safest bolus size, and the most facilitative body and head posture.

A note about silent aspiration

Some patients have an absent or weak, inconsistent cough reflex. They may appear to be swallowing well, but may have fever, congestion, abnormal chest x-ray, or they may complain of discomfort during swallowing. Such patients frequently (but not always) have a "wet" voice quality. On bedside evaluation, such patients are likely to have a slow voluntary swallow, show reduced laryngeal elevation during swallowing, and demonstrate a weak voluntary cough.[12] Such patients may be aspirating silently (without coughing). In a recent series of stroke patients evaluated at Duke, 13 of 40 (32.5%) aspirated silently.[13] Patients who aspirate silently are not easy to identify because they do not cough reliably and they are less likely to complain of problems. Therefore, many patients with known neurologic disorders are candidates for videofluoroscopy.

Dysphagia Management

Specific swallowing recommendations are generated by the combined clinical and videofluoroscopic evaluation. The type and severity of the swallowing problem will have a bearing on these recommendations. Management should involve collaboration of the team members as outlined in table 1. Frequent general recommendations for neurogenic dysphagic patients are summarized in table 4 (facing page).

Patient Illustrations

Case 1: Multiple Strokes

This 56-year-old patient had suffered strokes in the upper brainstem,

Table 4
Dysphagia Management: General Guidelines

Bolus size. Taking small bites and sips is a general but important "rule of thumb" for anyone experiencing swallowing difficulty.

Texture. Avoid thin (clear) liquids. In the neurogenic dysphagias, puree or soft foods are often easier to swallow than liquids.

Posture. Sitting upright is often the safest position, but ideal positioning may vary for each specific patient.

Throat clearing. Frequent, gentle throat clearing is often recommended. Brisk but gentle throat clearing immediately after each swallow is very important for some patients.

Coughing. Coughing when necessary should be encouraged, not discouraged. Coughing is a natural, protective reflex.

More difficult foods. Milk products and sweet liquids tend to increase salivation and should be avoided if excessive saliva is a problem. Dry, sticky foods or foods that break apart easily in the mouth should also be avoided by dysphagic patients.

Easier foods. Foods that are moist and evenly-textured are often easier to swallow. Foods that taste good to the individual patient should be offered.

Other. Patients who are involved in swallowing rehabilitation should eat in a quiet, distraction-free setting during meals. They should eat slowly. Careful supervision by nursing staff or family is very important.

the left hemisphere cortex, and the right hemisphere subcortical area. She was admitted to the Rehabilitation Unit and seen the next day by Speech/Language Pathology. On interview, she complained of having the most difficulty while swallowing liquids and of frequently experiencing choking. She also complained of chest congestion. Although she was currently eating a soft diet, her history of more than one stroke and her concerns warranted a videofluoroscopic evaluation.

The modified barium swallow study was conducted under standard conditions in the G.I. Radiology Department. The oral-preparatory phase of swallowing was adequate for liquid and paste barium. The cookie, in contrast, fragmented in the mouth. Tongue strength was not adequate to clear the mouth completely of cookie residue. The swallow reflex was delayed. This was manifested as triggering of the reflex at the epiglottis, moderately below the normal point of trigger at the back of the tongue.

During swallowing of liquid barium, the vocal folds failed to close completely. The patient aspirated some of each liquid bolus, i.e., liquid passed into the trachea, through the vocal cords, and into the lungs. Despite a vigorous cough, barium was aspirated. In contrast, the heavier paste and cookie boluses — which were more cohesive (did not fall apart) — were swallowed without aspiration.

During videofluoroscopy, the patient was alert, cooperative, and showed good body and head postural control. She was instructed to tip her chin to her chest just at the point of swallowing. This maneuver served to widen the pharynx (notably the vallecular spaces). In effect, these widened spaces provided a "holding tank" for small liquid boluses. In this posture, she was able to initiate the swallow reflex before spillover into the trachea occurred. Swallows of all three textures passed through the pharynx without significant residue and with normal esophageal relaxation.

In summary, the patient showed moderately reduced tongue strength and range of movement contributing to difficulty chewing the soft solid food (cookie). She showed a delayed swallow reflex, contributing to aspiration of liquid barium. Pharyngeal and esophageal peristalsis were adequate. Using a "chin down" posture during liquid swallows, she successfully compensated for the delayed swallow reflex, and was able to prevent aspiration.

She returned to the ward with the following recommendations: change soft diet to pureed diet; maintain small boluses of liquid and pureed foods; maintain chin-down position for all liquid swallows; take liquids from a spoon to increase ease of chin-down positioning; avoid foods that break apart in the mouth. Finally, the nursing staff was asked to provide supervision during meals. She was followed closely during her hospitalization and maintained safe oral feeding.

Case 2: *Encephalitis*

A 35-year-old patient became acutely ill with abdominal pain and lethargy. He suffered a seizure and was admitted to Duke Hospital. His mental status rapidly deteriorated and evaluation showed the presence of viral inflammation of the brain (encephalitis). He was semi-comatose for a period of days, developed respiratory distress, and on examination showed fever and pneumonia. When first seen by Speech/Language Pathology, he was alert but not conversant. He was cooperative but could not express specific complaints about swallowing. He showed a severe memory deficit for recent events. All voluntary movements for speech and swallowing were slow and inconsistent. Nutrition was provided by intravenous feedings during these early weeks of illness.

A videofluoroscopic evaluation of swallowing was done three weeks after admission to the hospital. The patient sat upright, but there were many extraneous movements due to distractibility and generalized weakness. His attention span was short. Due to limited swallowing ability, only liquid and paste barium were administered during the study. The oral-preparatory phase of swallowing was characterized by slow tongue movements. He showed poor and variable control of the barium.

The reflex itself was significantly delayed. Barium entered the pharynx and remained "pooled" in the vallecular spaces for many seconds before a reflex was initiated. On three occasions, liquid spilled over into the trachea. It was aspirated into the lungs without causing a cough reflex.

This represents "silent aspiration," and is presumed to be due to reduced laryngeal sensation. Only one productive swallow was observed during this initial study, during which esophageal relaxation appeared normal.

In summary, the oral-preparatory phase was characterized by weakness and variable speed of motility. the reflex was severely delayed. The voluntary swallow was absent. The reflexive swallow was incomplete, primarily characterized by silent aspiration.

Due to this patient's state of generalized weakness, poor insight, and reduced ability to execute swallowing voluntarily, it was recommended that he continue to take nothing by mouth. Speech/language and swallowing therapy were initiated. Two followup videofluoroscopic studies were conducted. Function improved but did not return to narmal. He was transferred to a rehabilitation facility near his home, where the dysphagia team is continuing his swallowing pragram.

Case 3: Bilateral Neuralogical Weakness

This 65-year-old patient had suffered a stroke one year prior to admission to Duke Hospital. Admission diagnosis was aspiration pneumonia and prior history of right hemisphere stroke. The Speech/Language Pathologist noted bilateral oral-facial weakness and dysarthria characteristic of bilateral neurological impairment. The Neurology consultant concurred with these observations and rendered a clinical diagnosis of bilateral brain damage. Prior to his illness, the patient had been eating a soft diet at hame. He did not complain about choking or swallowing prablems, but he cleared his throat frequently during the bedside evaluation. His wife reported that he spent much of his day in a recliner or in bed, and often drank liquids while in a reclined position. His voice was soft, harsh, and often "wet" in quality.

A standard videofluoroscopic evaluation was conducted. The patient was not able to sit upright unassisted and therefore only a frontal view was obtainable. The aral-preparatory phase of swallowing was adequate in both speed and completeness. The reflex was prompt on all but ane occasion. The remarkable finding was residue in the pharynx after the swallow reflex, which implies reduced pharyngeal peristalsis due to muscular weakness. He had to swallow several times in succession to successfully swallow each small barium bolus. On one occasion, a somewhat larger bolus was given — ane regular teaspaan af liquid barium. On this accasion, a "trace" of barium (less than 10% of the balus) was aspirated. A vigarous cough accurred but did not expel the barium from the trachea. Esophageal relaxation far all boluses was adequate, but esaphageal reflux could not be ruled out.

In summary, this patient showed intact aral-preparatory function, near narmal initiation of the swallow reflex, reduced pharyngeal peristalsis necessitating multiple successive swallows, and trace aspiration of liquid on one occasion followed promptly by a cough reflex.

Due to the presence of aspiration pneumonia, it was inferred that aspiration was occurring at home. His frequent coughing and throat clearing was believed to be a reliable indicator of these occasions of difficulty. The most impartant finding was that aspiration and coughing did not occur when the patient sat upright and when he took only small (1/2 teaspoon) sips of liquid.

Therefore, the following recommendations were offered. Regarding posture, he was advised to sit up for all meals and snacks. He was advised to eat slowly, and to take very small bites and sips. Following consultation with his physician, we also advised "reflux precautions." These invalved sitting up 30 to 60 minutes following all meals, and sleeping with the head elevated. These adjustments were suggested to prevent regurgitation (reflux) of faad and liquid from the esaphagus into the throat. Finally, we advised the patient's wife to encourage him to clear his throat frequently and to cough vigorously as needed.

These three actual patient examples illustrate the value of the videofluoroscopic approach for developing specific, individualized sets of recommendatians. We have evaluated many different types of neurogenic dysphagic patients, many of whom have had favorable results with modified oral feeding programs. When a patient initially is found to be unable to eat, a comprehensive rehabilitation program developed by specialists (table 1) may be beneficial. Followup videofluoroscopic evaluations are usually advised before oral feeding is resumed in the improving patient.

Summary

A wide range of neurological entities may cause swallowing difficulty. A mild dysphagia may cause an individual discomfort; a severe dysphagia may threaten one's lung function and well-being. Multidisciplinary dysphagia teams are now established in medical centers nationwide. The professionals on these teams are trained to provide thorough evaluations and individualized swallowing rehabilitation programs.

Clearly, safe swallowing is vital for maintaining nutrition. We have found that patient and family education about how swallowing works, and individual instruction on how to compensate for swallowing problems, can greatly enhance the safety and comfort af oral feeding. Many patients can be helped to swallow safely, even in the face of serious neurological illness. ■

Acknowledgements

Our special thanks go to the Nursing Staff of the Medical-Surgical Inpatient Rehabilitation Unit at Duke

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References

1. Rosenbek JC, LaPainte LL. Motor speech disorders and the aging process. In Beasley DS, Davis GA (eds), Aging: communication processes and disorders. New York: Grune & Stratton, 1981, pp. 159-75.
2. Rehabilitation of the head injured adult: comprehensive management. Proceedings of a conference sponsored by the Professional Staff Association of the Rancho Los Amigos Hospital. Palm Springs, CA. Professional Staff Association, 1980.
3. Sahs AL, Hartman EC, Aranson SM (eds). Guidelines for stroke care (DHEW Publication No. (HRA) 76-14017). Washington, DC: U.S. Government Printing Office, 1976.
4. Barnett HJM. A critique of surgical treatment in cerebral ischemia. In McDowell FH, Caplan LR (eds), Cerebravascular Survey Report 1985. Bethesda: National Institutes of Health, 1985, pp. 189-209.
5. Donner MW. Editorial. Dysphagia 1986;1:1-2.
6. Graher ME, Bukatman R. The prevalence of swallowing disorders in two teaching hospitals. Dysphagia 1986;1:3-6.
7. Pannell J, Cantieri C, Cherney L. Evaluation of dysphagia in the neurologically impaired. Paper presented to the Illinois Speech-Language Hearing Association, Chicago, 1984
8. Veis SL, Logemann JL. Incidence and nature of swallowing disorders in CVA patients. Paper presented to the American Speech-Language Hearing Association, Washington, D.C., 1985.
9. Graher ME (ed). Dysphagia: diagnosis and management. Boston: Butterworths, 1984.
10. Logemann JA. Evaluation and treatment of swallowing disorders. San Diego: College-Hill Press, Inc., 1983.
11. Kennedy JG, Kent RD. Anatomy and physiology of deglutition and related functions. Seminars in Speech and Language 1985;6:257-75.
12. Horner J, Massey EW. Silent aspiration following stroke. Neurology 1986;36(S1):199 (Abstract).
13. Horner J, Massey EW, Riski JE, Lothrop DL. Silent aspiration in stroke patients with dysphagia. Manuscript in preparation, 1986.

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Malaria in 1986

. . . an uncommon but not rare disease in North Carolina.

The clinical picture as described by Sir Gordon Covell in 1949:

"I was in charge of the hospital in Nairobi, and one morning a train load of British soldiers, eighty in number, had been evacuated to our hospital from the vicinity of Lake Victoria. A preliminary examination of these men disclosed a variety of clinical symptoms, as a result of which I made a number of provisional diagnoses. Many of the patients were obviously the victims of malaria, but there were others whose symptoms were unlike any which are usually associated with this disease. Several seemed to be suffering from some acute abdominal condition, such as appendicitis, pancreatitis, or biliary colic. Some were passing blood and mucous per rectum, and these I diagnosed as dysentery. Two or three had the clinical appearance of typhoid fever. There were several with cerebral symptoms which I thought was probably the result of heat stroke. One case I suspected of amoebic hepatitis, and another bronchitis or bronchopneumonia.

A blood smear was taken from each patient as a routine procedure and sent to the laboratory for examination. The presence of malignant tertian malaria parasites was reported in every single instance. The administration of quinine, at that time the only anti-malarial, was followed by prompt alleviation of the symptoms of all these patients and led to their ultimate recovery."

From: The treatment of malignant tertian malaria, British Medical Journal 1949;2:773. Reprinted with permission of the Journal.

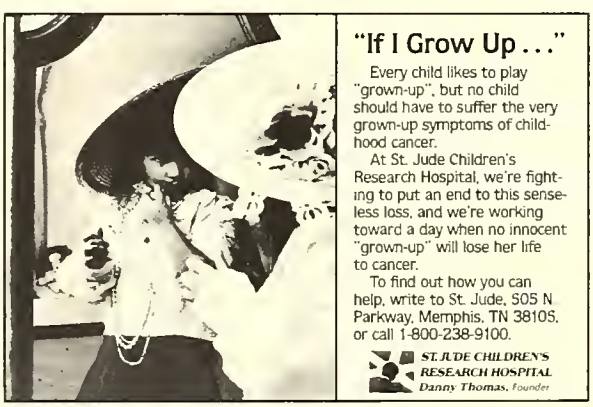
Initial clinical and laboratory data in acute falciparum malaria from a paper by Thomas W. Sheehy, 1968:

Symptoms	%	*Physical Findings*	%	*Laboratory Studies*	%
Fever	100	Hypotension	88	Anemia (Hct. 30-35%)	52
Chills	92	Spleno-megaly	47	SGOT	56
Headache	86	Hepato-megaly	21	Bilirubin	38
Backache	47	Dehydration	18	Proteinuria	27
Malaise	41	Jaundice	3	Neutropenia	10
Nausea	37			Thrombocytopenia (100-150,000)	22
Myalgia	29			Eosinophilia	7
Abdominal pain	25				
Vomiting	21				
Diarrhea	16				

PARASITEMIA

Thick Smear	%
Mild. Less than 10 asexual parasites per oil emersion field	54
Moderate: Less than 100 asexual parasites per oil emersion field	35
Thin Smear	
Marked: Less than 10% of RBC's parasitized	10
Severe: More than 10% of RBC's parasitized	1

From: Medical grand rounds from the University of Alabama Medical Center, Southern Medical Journal 1968;61:68-80 (table 1). Reprinted with permission of the author and the Journal.



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Danny Thomas, Founder

EDITORIAL

Alcohol Abuse Leads to Sickness and Death in North Carolina

Paul A. Buescher, Ph.D., and Michael J. Patetta, M.A.

A recent report from the North Carolina Center for Health Statistics points to the many negative health consequences resulting from the overuse of alcohol.[1] The extent of this problem is not clearly indicated by medical records and vital statistics, where morbidity and mortality are frequently coded according to their anatomic and disease manifestations rather than attributed to underlying addictive practices.

The prevalence of alcoholism in North Carolina is probably at least two percent of the population. This would suggest that 120,000 or more North Carolinians suffered from this disease in 1984. After heart disease and cancer, alcoholism is America's third largest health problem, contributing to a large variety of diseases.

Estimates of the proportion of hospitalized patients who have illnesses associated with consumption of alcohol are usually in the range of one-fourth to one-third. Alcohol abuse is frequently associated with hospital admissions for diseases of the digestive system and for injury and poisoning. It is a major cause of admissions to mental hospitals and community mental health programs. It is estimated that a minimum of 30,000 North Carolinians were treated for alcohol-related problems in 1985 just in the state-supported mental health care system.

Groups with relatively high incidences of alcohol-related problems are men, persons age 40 to 55, college graduates, nonwhites, divorced persons, and those with above-average family incomes.

Alcohol and Death

Even using the death certificates, where alcohol diagnoses are severely under-reported, alcohol abuse ranks only behind heart disease, cancer, stroke, and accidents as a leading cause of death. It ranks even more strongly if premature mortality or "years of life lost" are considered. The median age for alcohol-related deaths shown in North Carolina death certificates for the period 1980 to 1984 was 53, compared to a median age of 71 for deaths from all causes. Thus persons dying from alcohol abuse are losing more potentially productive years of life, on the average. Only heart disease, cancer, and accidents accounted for more years of life lost.

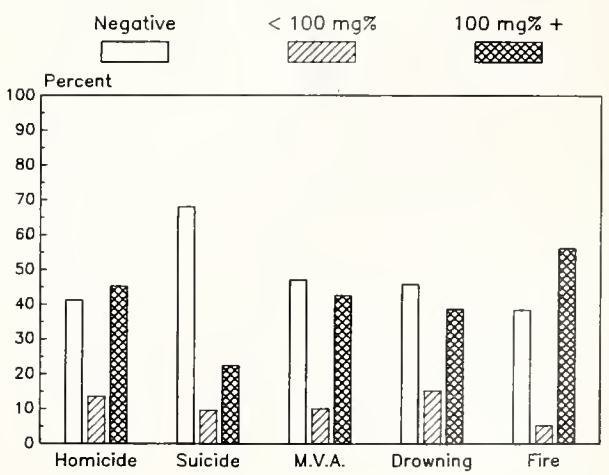
North Carolina law requires that all deaths suspected to be due to violent or traumatic injury or accident be investigated by a medical examiner. Medical examiners are licensed physicians across the state who devote their time to investigating these deaths from non-natural causes, as well as certain other categories of deaths. These investigations produce an extremely valuable source of data on alcohol involvement in deaths due to injury and violence, since blood ethanol tests are routinely done.

Figure 1 shows a major involvement of alcohol in deaths at age 15 and over due to homicide, suicide, motor vehicle accidents (MVA), drowning, and fire. During the period 1980 to 1984, nearly 60% of homicide victims who were tested had some alcohol measured in their blood, and approximately 45% were legally intoxicated (100 mg%, or .10%, or greater) at the time of death. Almost 60% of those who died by fire had a blood alcohol level of 100 mg% or greater. The percentages of alcohol involvement shown here are *much* higher than those that would be derived from looking at alcohol diagnoses on the death certificates. It is clear that alcohol use plays a major role in deaths due to injury and violence.

Care and Prevention

Physicians in North Carolina may help address these problems in several ways. Better certification on hospital and death records of the contributing role of alcohol would provide more accurate data for assessment of the magni-

Figure 1. *North Carolina Medical Examiner cases 15 years and older by cause of death and blood ethanol levels, 1980-84.*



From the State Center for Health Statistics, P.O. Box 2091, Raleigh 27602-2091.

tude of these problems, thus aiding in the development of programs for treatment and prevention.

Physicians and other health care providers should be more alert to the early stages of alcoholism among persons entering the medical care system for other problems, some of which may be due to alcohol consumption. Referrals for needed alcohol treatment should be made routine. Early detection and treatment of alcoholism is essential to reduce serious later consequences, and this must be accomplished by integrating these services into the mainstream of medical practice. Every modern medical center should have a well-organized inpatient and outpatient program for the treatment of alcoholics.

These approaches emphasize early intervention and treatment for persons who have already developed a drinking problem. Preventing excessive alcohol consumption in the first place presents another set of challenges. Educating people about the potential risks and dangers may not work by itself. In fact, persons at the highest educational levels are at greatest risk of alcohol abuse. Like cigarette smoking, failure to use seat belts, and other personal behaviors where the daily risk is small but the cumulative risk over a lifetime is large, alcohol overuse will be hard to prevent by trying only to change people's perceptions of their own risk.

It is not enough to tell people they are at risk and then expect them to make the necessary changes in their lives. Modification of the social and economic forces that shape people's drinking behaviors must be employed as a complementary approach. One strategy would be to influence the price of alcoholic beverages. There is ample evidence that consumption of alcohol is strongly related to its price, and governmental measures such as increased taxation of alcoholic beverages can be effective in reducing alcohol consumption.

The principal aim of such preventive measures would be to reduce the incidence of new cases of alcoholism. Since the death rate of alcoholics from all causes is more than double that of the general population, natural attrition alone would rapidly diminish the overall prevalence of alcoholism if the influx of new cases could be stemmed.

Annual per capita consumption of alcohol in North Carolina has more than doubled in the last two decades. Use of alcohol among teenagers is widespread and increasing, and, generally, the earlier a person starts drinking the greater are his or her chances of developing an alcohol-related problem. Unless strong measures are taken today to curb alcohol abuse and its consequences, these problems will likely grow worse in the future.

Reference

1. Copies of the full report, Alcohol-related morbidity and mortality in North Carolina, of which this paper is a summary, can be obtained from Paul A. Buescher, State Center for Health Statistics, P.O. Box 2091, Raleigh 27602.

American Academy of Medical Directors Scholarships

The American Academy of Medical Directors (AAMD) has announced that in 1987 it will offer two scholarships worth approximately $3,000 each to physicians to attend management education programs. In this first-time effort, AAMD will award the scholarships to physicians employed by health care organizations that provide service in areas that are medically underserved or that rely predominantly on public or charitable funding.

The program's intent is to promote management development and training within organizations that do not typically have funds available for their physician managers to acquire management training. According to AAMD president, Dr. H. Constance Bonbrest, often this is where the need is greatest. "We believe that there are many physicians in managerial positions within areas of public need who try to do a good job with little money. With the opportunity to learn and develop good management skills, these dedicated physicians can help improve the effectiveness and efficiencies of their organizations and the health care services they deliver."

Each scholarship includes tuition and per diem for three weeks of management training at programs designated by the AAMD. Applicants must submit a letter of intent by January 10, 1987, outlining the following specifics:

- Demonstrate that a need for the scholarship does exist because funding for management training or education is not available within the organization.
- Indicate how the training will be beneficial to the individual as well as to the organization in general.
- Demonstrate that the organization is predominantly or entirely supported by public or charitable funds (i.e., indicate percentage of total income received from federal, state or charitable sources).

To be considered as a recipient of the scholarship, the applicant must be employed by an organization that is a government agency or has qualified for tax exemption under Section 501(c)(3) of the U.S. Internal Revenue Code and not be a private foundation as defined under Section 509(a).

The AAMD will select final candidates for review by January 30, 1987, and will request all finalists to submit a detailed proposal on or before February 20, 1987. Both scholarships will be awarded by the AAMD in early March.

The AAMD is the national professional and educational association for all physicians who have an interest or responsibilities in health care management. It is a recognized specialty society of the American Medical Association, representing physicians in management within group practices, hospitals, health maintenance organizations, academic and government institutions and private industry.

For more information please call Sherry M. Cumpstone, AAMD Director of Communications, 813/873-2000, or write One Urban Centre, 4830 West Kennedy Boulevard, Suite 648, Tampa, Florida 33609-2517.

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The Eyes Have It: Waardenburg's Syndrome

Katherine A. Enright, M.D. and Francis A. Neelon, M.D.

• *This syndrome, important but subtle in the collection of its constituent findings, was described by a solo medical practitioner, a superb observer, a clear and logical thinker, who enjoyed putting the question and looking for the answer.*

THE Question Put

Our patient came to see us because she had been told elsewhere that her small and symptomless goiter should be "checked" occasionally. We agreed — it was small and she was euthyroid and we recommended only that she come back to be "checked" again next year.

She was 33 years old and she had one cobalt blue eye and one hazel-brown eye (figure 1). She had been told as a child that she had Waardenburg's syndrome and had undergone several operations on her eyes because, as she put it, "they looked Oriental and the tear ducts weren't in the right place." She went on to say that, according to her doctors, "my patch of white hair in the middle in front, my graying hair, thick eyebrows, the few patches of white on my skin and the deafness in my left ear were all related but none of them would ever cause me trouble."

She had given both a description and the name of Waardenburg's syndrome! In fact, she demonstrated each of the diagnostic stigmata of the syndrome, none of which was present in any other family member known to her. Were the findings present but too subtle to notice, or could she represent a spontaneous mutation for this syndrome? We set out to learn more about this intriguing entity to be certain that her previous advice had been correct. But the real question that motivated us was how could one person's eyes be two completely different colors?

We learned that Waardenburg described his syndrome in 1951[1] as an autosomal dominant genetic disorder with varying degrees of penetrance and expressivity. Characteristic features (see table 1) include: heterochromia iridis which may be diffuse (figure 1) or segmental (figure 2) in one or both irises; lateral displacement of the medial canthi (figure 3), sometimes with narrow palpebral fissures (blepharophimosis); dystopic lacrimal puncta; a broad and prominent root of the nose; hypertrichotic and medially fused eyebrows; partial or more complete albinism characterized by a white forelock, early hair graying, or defective skin pigmentation in any part of the body; and congenital partial or complete deafness in one or both ears.

While it is new to us, Duane and Jaeger[2] call Waardenburg's syndrome "one of the most catholic of known familial problems, being globally reported in numerous races and cultures. Very typical examples can also be seen in cats, dogs, and other animal species." We learned that

From the Department of Medicine, Duke University Medical Center, Durham 27710.



Figure 1 *Our patient, showing characteristic heterochromia iridis. The white forelock is partially obscured by generalized, premature graying. The patient has had surgical correction of her dystopic medial canthi.*

Figure 2 *Another patient showing typical segmental heterochromia.*



affected patients and their relatives may show one, several, or all of the signs, each to varying degrees. However, it is rare to find simultaneous expression of all seven characteristics. For example, it is estimated that dystopic canthi occur in approximately 99% of those affected, heterochromia iridis in 25% and deafness in about 20%. Thus, dystopia canthorum is called the sine qua non of the Waardenburg syndrome and represents the biggest cosmetic problem. Deafness, if bilateral and complete, is the most disabling symptom. And heterochromia iridis, with or without patchy vitiligo, is the most visually striking feature.

The Question Answered

But what exactly causes this syndrome? How in one person does such a collection of physical phenomena occur? And how can one person have two irises of completely different colors? In the past, several fanciful and unproven hypotheses have been offered to explain Waardenburg's syndrome; most investigators now agree that it is due to

Figure 3 *The eyelid deformity, dystopia canthorum, in Waardenburg's syndrome. Note rounding of inner canthus and absence of usual triangular narrowing of the opening of the eyelids.* *(Reprinted from Devel Med Child Neurol 1965;7:405.)*

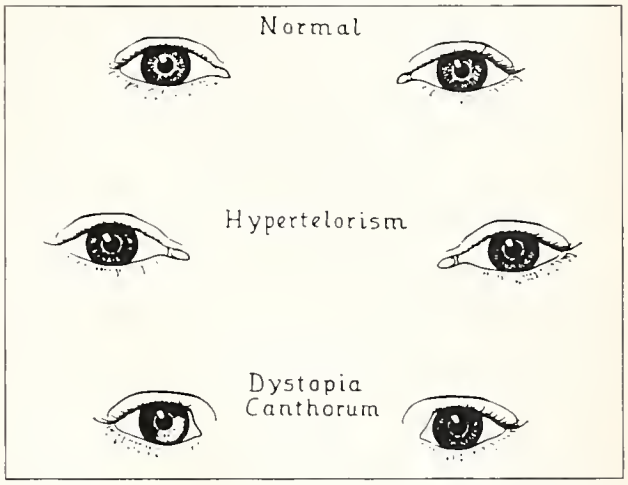


Table 1. Features of Waardenburg's Syndrome

Waardenburg Terminology	Translation	Description
Dystopia canthi medialis et punctorum lacrimalium lateroversa	Lateral displacement of the medial canthi and puncta	Lateral displacement, usually symmetrical, of the nasal canthi and of the openings of the tear canals, which thus may not drain properly. There is no change in the normal average intrapupillary or outer canthal distance which distinguishes Waardenburg's syndrome from hypertelorism (abnormally large distance between two organs or parts). Blepharophimosis may be present, the degree of which determines eyelid opening and may give the eyes a slanted appearance. These abnormalities may require surgical correction, especially if the blepharophimosis obstructs vision. Often very little of the nasal sclera is visible, giving the illusion of the convergent squint — a striking feature, and the one most frequently present in this syndrome.
Hyperplasia supercilii medialis et radicis nasi	Medial fusion and hypertrichosis of the eyebrows, combined with a prominent, broad root of the nose	
Heterochromia iridum totalis sive partialis	Different color either one iris or part of one or both irises	The blue iris is the aberrant one and the blueness itself is unusual — a bright, beautiful blue, "a striking whitish-blue color of a form rarely encountered." If present in one iris, the contralateral iris is usually brown, green or gray. However, only a sector of iris may be affected in one or both eyes; if bilateral, the sectors are usually, but not always, symmetrical.
Albinismus circumscriptus	White forelock (widespread albinism)	Waardenburg characterized this feature as a "white forelock," but it includes any manifestation of "leucism" — varying from a patch of gray-to-white hair anywhere on the head, to generalized premature graying, to patches of vitiligo anywhere on the body.
Surditas congenita (surdimutitas)	Congenital deafness (deafmutism)	It can be present to any degree and is often mild.

Table 2. Some Neural Crest Derivatives

Peripheral nervous system
Sensory ganglia
Autonomic nervous system
Schwann cells
Endocrine, paraendocrine cells
Pigment cells
Mesectodermal derivatives
Skeletal: nose, orbit, palate, maxilla, part of sphenoid bone, part of cranial vault, part of optic capsule
Connective tissue: skin, smooth muscle, adipose tissue of face and ventral neck, ciliary muscles
Part of aortic-arch-derived large arterial walls
Papillae of the teeth
Corneal "endothelium" and the fibroblasts in the stroma of the eye
Part of the meninges
Connective tissue portion of pituitary, salivary, lacrimal, parathyroid, thyroid, and thymus glands

an embryological developmental abnormality in neural crest-derived structures, probably an as yet undefined chromosomal abnormality involved in the control of neural crest cell migration.[3] This seems appropriate given what we know today: that all pigment cells (as well as many structural components previously thought to be of mesodermal origin) derive from the neural crest (table 2). Until it was recognized that neural crest cells migrate to distant and seemingly unrelated sites (skin, hair, eyes, etc.), the underlying unity of the disparate features of Waardenburg's syndrome remained obscure. Still to be elucidated are the fundamental reasons why only parts of the eye and of other structures are affected.

The heredity of eye color itself is complex, the expression of color depending on the structure of the iris and on how many stromal chromatophores it contains. In the eye, pigment is distributed throughout the uveal tract including the stroma of the iris, the choroid, and the ciliary body. The differences in appearance among normal irises are due both to the arrangement of connective tissue in the anterior limiting membrane of the stroma of the iris and to the amount of pigmentation in the stromal chromatophores, which can be either pigmented (melanotic) or unpigmented (amelanotic), depending on the melanin complement of their granules. In normal infants, pigmentation of the entire uveal tract is not maximal until about six months of age, by which time the iris appears velvety brown in color if the chromatophores contain full melanotic granules or blue if the chromatophores are amelanotic. Shades between brown and blue are due to variations in the amount of melanin in the chromatophore granules. The deep blue color of the hypopigmented Waardenburg iris differs from the normal blue iris because of general hypoplasia of the entire iris, in addition to amelanotic chromatophores.

When a patient initially presents with heterochromia iridis, one must decide which eye is normal and which abnormal, whether there is unilateral hyperpigmentation or hypopigmentation. Unilateral *hyper*pigmentation occurs with unilateral melanosis, melanoma of the iris, or hyperplastic congenital heterochromia. Unilateral *hypo*pigmentation can occur with ipsilateral sympathetic paralysis, with Fuch's syndrome (vitreous opacities, precipitates in the cornea, cataract, and secondary glaucoma), or with simple or familial heterochromia iridis (usually, in fact, a part of an unrecognized Waardenburg's syndrome).

If simple heterochromia is present, the other stigmata of Waardenburg's syndrome should be sought in the patient and inquired about in the relatives. As far as our patient knew, none of her relatives, including her only child, had any of the stigmata of Waardenburg's syndrome. Since she has some form of all of the typical symptoms, it is possible that she represents a spontaneous mutation, but more likely her case only demonstrates the difficulty in obtaining an accurate pedigree in an isolated case.

The Unexpected Bonus

Waardenburg's syndrome is a relatively rare autosomal dominant genetic disorder that was estimated by Waardenburg to occur in one case per 84,000 births. It came to our attention because one of our patients displayed its most striking feature: heterochromia iridis. Although the features of this syndrome (except for deafness if present) do not impose any limitation on their owners, we found the condition to be fascinating in the variety of its constituent anomalies (and the questions that they raise about the underlying pathophysiology). But, as so often is the case when we allow medical questions to take us to the library, we found equally fascinating the story of the person (figure 4) whose name is attached to the syndrome.

Petrus Johannes Waardenburg (1886-1979), a Dutch physician whose burning interest was in medical genetics,

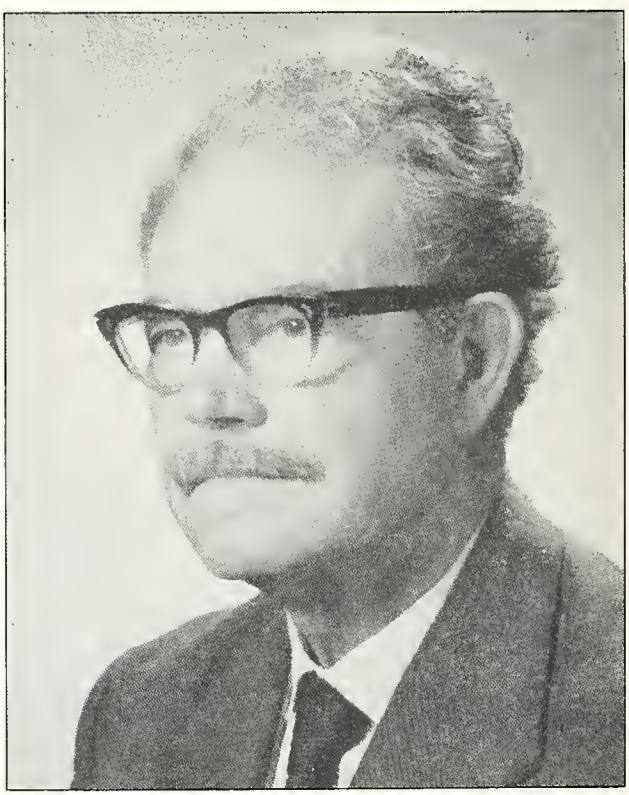


Figure 4 *Petrus Johannes Waardenburg.* *(Reprinted from Devel Med Child Neurol 1965;7:405.)*

became an ophthalmologist almost by accident. Completing his medical studies at Utrecht, he found there was a vacancy in the Department of Ophthalmology there. He applied to Professor Snellen and was accepted. He completed, under Snellen, his doctoral dissertation, "Research into the Heredity of Physiological and Pathological Characteristics of the Human Eye." The title foretold the path he was to follow, but gave little clue as to its breadth or the unorthodox way he would travel down it.

Following graduation in 1913, he entered the private solo practice of ophthalmology in Arnhem — and remained there until 1952, amassing data from his careful clinical examinations and keeping abreast of his colleagues' research by reading, intense correspondence and personal visits. During these 40 years of practice he had neither secretary nor assistant, completing by himself *all* of his own fieldwork, typing, drawing (he was his own illustrator!) and correspondence.

Despite this seeming frenzy of professional activity, he is described above all as loved by his colleagues and his patients and devoted to his family, spending at least one or two days a week in family activities. Reference after reference, praising his brilliance, includes words about his humility, graciousness, gentleness and kindness.[4] This "simple country doctor" was able — through extensive reading, careful observation and astute surmise — to contribute to the then young field of genetics in astounding and often little-recognized ways. For example, in 1927, Painter was the first to describe a chromosomal aberration in a mammal. In 1932, Dr. Waardenburg suggested that mongolism (Down's syndrome) could be due to a chromosomal abnormality and even suggested that it probably took the form of a non-disjunction or translocation. LeJeune offered and verified this same theory 27 years later!

Dr. Waardenburg is recognized as one of the founders of clinical genetics in the Netherlands. He published (remember, from his office — alone!) 267 papers and six books, including a three-volume, pioneer text in ophthalmological genetics, *The Human Eye and Its Genetic Disposition* (1932).[5] The subjects of his writings include ophthalmological and general genetics (especially heterogeneity), refractory myopia, Leber's optic atrophy, albinism, the nosology of craniofacial dysostoses, the examination of the macula using red-free light, and a screening method called scleral transillumination of the iris that he devised to detect latent carriers (heterozygotes) of ocular and generalized albinism.

In 1949 he founded the Dutch Society of Human Genetics and eventually devoted himself to teaching and lecturing in genetics at Utrecht and Leyden. In 1952 he became the head of the Department of Human Genetics at Leyden. But he is most famous for the paper that gave his name to the syndrome that forms the subject of this article. In fact, the events surrounding the publication of the paper, as told by Charles W. Cotterman, the first editor of *The American Journal of Human Genetics*, are nearly as interesting as the syndrome itself.

In 1950, Dr. Waardenburg had given a brief report of his syndrome at the International Congress of Ophthalmology, and a former teacher of Dr. Cotterman's had urged Dr. Waardenburg to submit it to the new journal — even offering to deliver the manuscript (of which there was no copy!) personally to the editor. The monograph, Dr. Cotterman said,

> ". . . made up a paper of 59 pages in Part 3 of Volume 3, appearing in September, 1951. Acquisition of this extremely valuable study was a stroke of good fortune for the new *American Journal of Human Genetics*. Encased in a large mailing tube, the manuscript consisted of approximately 100 pages, some hand-written but most typewritten, some parts in German but most in English, and varying in size from foolscap sheets down to small pieces of note paper. One of the small pages contained nothing but Latin. In addition, there were many unmounted photographs and about 10 long, rolled up pedigree charts. But, with all this, I couldn't seem to find a title page. Then it occurred to me that this must be the page with the Latin. It read: *'Dystopia canthi medialis et punctorum lacrimalium lateroversa, Hyperplasia supercilii medialis et radicis nasi, Heterochromia iridum totalis sive partialis, Albinismus circumscriptus (leucismus, poliosis), et Surditas congenita (surdimutitas).'* My letter of acceptance was full of praise for the paper, but I urged the author to consider that his title was much too long."[6]

Dr. Cotterman suggested that the paper be called "A New Syndrome Combining Developmental Anomalies of the Eyelids, Eyebrows, and Nose Root with Pigmentary Defects of the Iris and Head Hair and with Congenital Deafness." Cotterman said:

> "Waardenburg agreed; he liked my title. But, after all, it wasn't explicit, was it? Let us use this, he argued, and then follow up with the Latin as a subtitle. I could be a stubborn editor, but I also knew when I was licked! My effort to shorten the title had succeeded in adding 26 more words!"[6]

Dr. Waardenburg's paper was as explicit as its title. He had first become interested in this new syndrome upon noticing dystopic canthi and congenital deafness in an old tailor who had come to him for advice regarding failing eyesight. (The heredity of deafness was another of the doctor's special interests.) Remembering a description by van der Hoeve, in 1916, of this combination of findings in monozygotic twin girls, Dr. Waardenburg noted, "I was suddenly compelled to wonder: could it be pure chance that three deaf mutes in our country should display this rare abnormality of the eyelids?" He reviewed the literature and then mentioned his findings at a Dutch Opthalmological Society meeting; he subsequently collected a large series of patients by referral from his colleagues and by visiting every asylum for deaf mutes in the Netherlands, eventually examining 1,050 individuals. He recognized the associated features and eventually produced his paper describing the syndrome in its entirety.

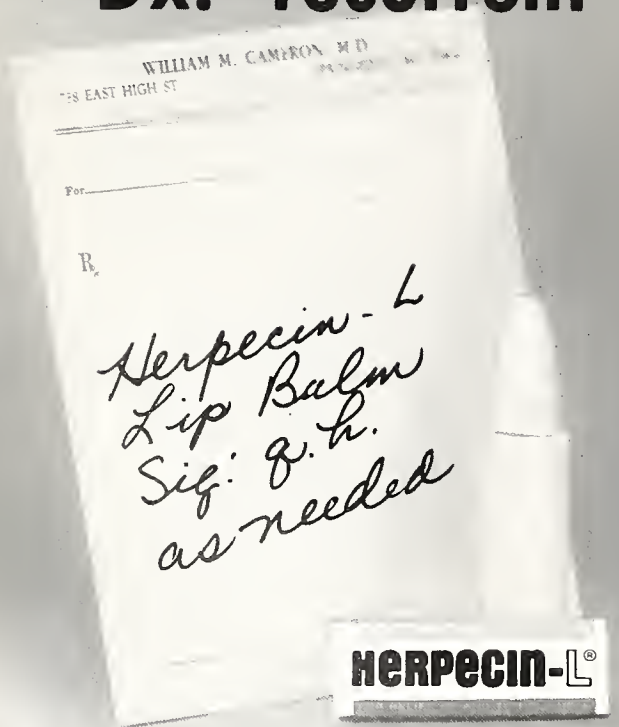
A remarkable feature of the original paper is that Dr. Waardenburg not only described the syndrome in its entirety, but also discussed the pattern of inheritance and provided an extensive literature review of the component

traits in animals and humans. The discussion was remarkable for his time, especially considering that even now the true embryological and chromosomal etiology is unclear. After discussing the striking variability of penetrance of the various features of the syndrome, he concluded, "Our original insight with respect to constitutional or genetical factors is at present insufficient to explain these differences. The total genetic constitution of various family members being often very different, it seems more likely that we may be dealing with the effects of linked modifying genes."[1] Today we believe that Waardenburg's syndrome can best be explained by an abnormality in the genes controlling neural crest cell migration, very likely a set of associated genes. It seems plausible that this remarkable thinker, decades ago, predicted the precise form of chromosomal aberration that will explain the genetics of "his" syndrome.

References

1. Waardenburg PJ. A new syndrome combining developmental anomalies of the eyelids, eyebrows and nose root with pigmentary defects of the iris and head hair and with congenital deafness. Am J Hum Genet 1951;3:195-253.
2. Duane TD and Jaeger EA. Biomedical foundations of ophthalmology. Philadelphia: Harper and Row, 1983.
3. Le Douarin N. The neural crest. Cambridge: Cambridge University Press, 1982.
4. Francois J. Waardenburg's Memorial Lecture: Waardenburg's Syndrome. Int Ophthalmol 1982;5:3-13.
5. Waardenburg PJ. The human eye and its genetic disposition. Haag: Nyhoff, 1932. in German.
6. Opitz JM. In memoriam: Petrus Johannes Waardenburg, 1886-1979. Am J Med Genet 1980;7:35-9.

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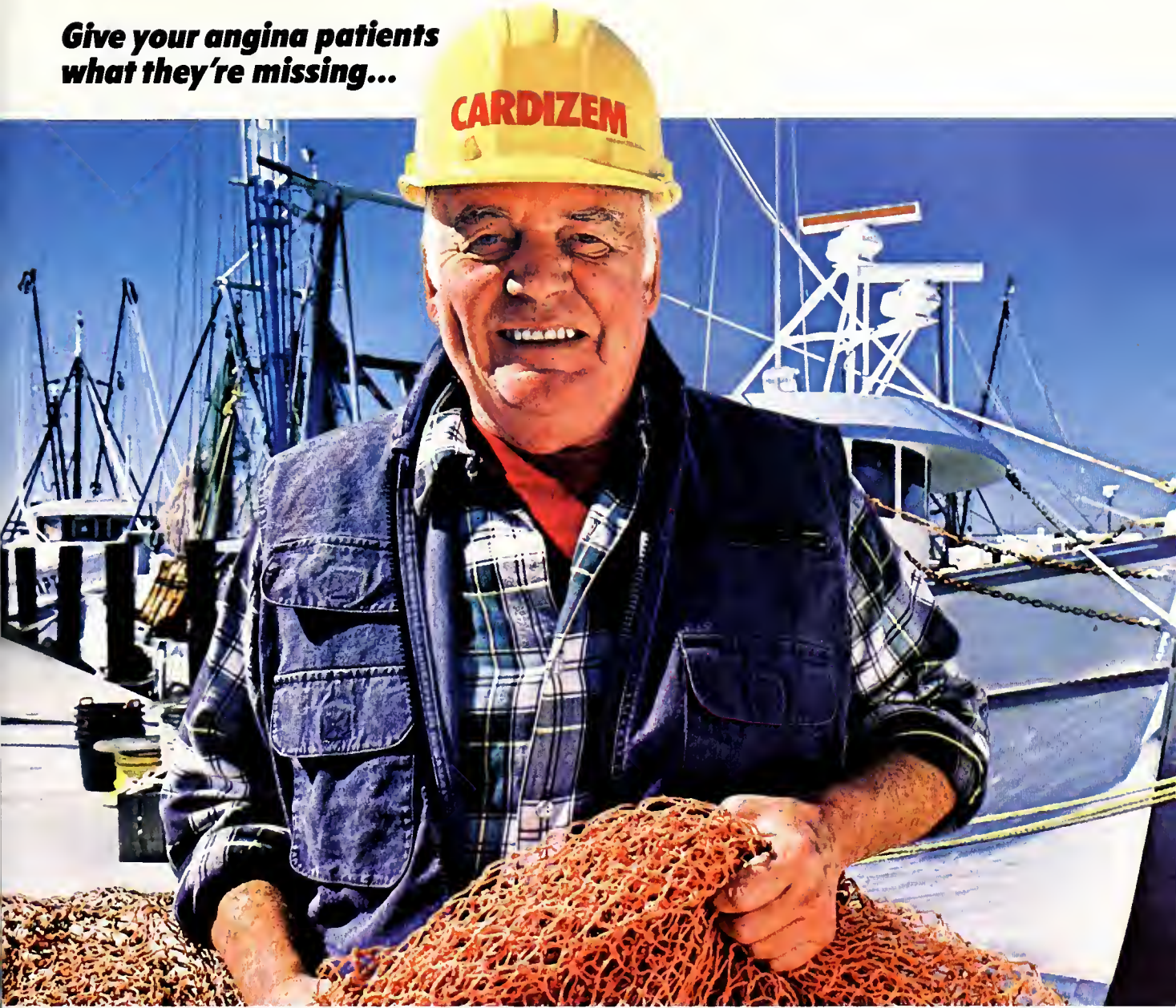
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CONTRAINDICATIONS

CARDIZEM is contraindicated in (1) patients with sick sinus syndrome except in the presence of a functioning ventricular pacemaker, (2) patients with second- or third-degree AV block except in the presence of a functioning ventricular pacemaker, and (3) patients with hypotension (less than 90 mm Hg systolic).

WARNINGS

1. **Cardiac Conduction.** CARDIZEM prolongs AV node refractory periods without significantly prolonging sinus node recovery time, except in patients with sick sinus syndrome. This effect may rarely result in abnormally slow heart rates (particularly in patients with sick sinus syndrome) or second- or third-degree AV block (six of 1,243 patients for 0.48%). Concomitant use of diltiazem with beta-blockers or digitalis may result in additive effects on cardiac conduction. A patient with Prinzmetal's angina developed periods of asystole (2 to 5 seconds) after a single dose of 60 mg of diltiazem.
2. **Congestive Heart Failure.** Although diltiazem has a negative inotropic effect in isolated animal tissue preparations, hemodynamic studies in humans with normal ventricular function have not shown a reduction in cardiac index nor consistent negative effects on contractility (dp/dt).
   Experience with the use of CARDIZEM alone or in combination with beta-blockers in patients with impaired ventricular function is very limited. Caution should be exercised when using the drug in such patients.
3. **Hypotension.** Decreases in blood pressure associated with CARDIZEM therapy may occasionally result in symptomatic hypotension.
4. **Acute Hepatic Injury.** In rare instances, significant elevations in enzymes such as alkaline phosphotase, CPK, LDH, SGOT, SGPT, and other symptoms consistent with acute hepatic injury have been noted. These reactions have been reversible upon discontinuation of drug therapy. The relationship to CARDIZEM is uncertain in most cases, but probable in some. (See PRECAUTIONS.)

PRECAUTIONS

General. CARDIZEM (diltiazem hydrochloride) is extensively metabolized by the liver and excreted by the kidneys and in bile. As with any new drug given over prolonged periods, laboratory parameters should be monitored at regular intervals. The drug should be used with caution in patients with impaired renal or hepatic function. In subacute and chronic dog and rat studies designed to produce toxicity, high doses of diltiazem were associated with hepatic damage. In special subacute hepatic studies, oral doses of 125 mg/kg and higher in rats were associated with histological changes in the liver which were reversible when the drug was discontinued. In dogs, doses of 20 mg/kg were also associated with hepatic changes; however, these changes were reversible with continued dosing.

Drug Interaction. Pharmacologic studies indicate that there may be additive effects in prolonging AV conduction when using beta-blockers or digitalis concomitantly with CARDIZEM. (See WARNINGS.)

Controlled and uncontrolled domestic studies suggest that concomitant use of CARDIZEM and beta-blockers or digitalis is usually well tolerated. Available data are not sufficient, however, to predict the effects of concomitant treatment, particularly in patients with left ventricular dysfunction or cardiac conduction abnormalities. In healthy volunteers, diltiazem has been shown to increase serum digoxin levels up to 20%.

Carcinogenesis, Mutagenesis, Impairment of Fertility. A 24-month study in rats and a 21-month study in mice showed no evidence of carcinogenicity. There was also no mutagenic response in in vitro bacterial tests. No intrinsic effect on fertility was observed in rats.

Pregnancy. Category C. Reproduction studies have been conducted in mice, rats, and rabbits. Administration of doses ranging from five to ten times greater (on a mg/kg basis) than the daily recommended therapeutic dose has resulted in embryo and fetal lethality. These doses, in some studies, have been reported to cause skeletal abnormalities. In the perinatal/postnatal studies, there was some reduction in early individual pup weights and survival rates. There was an increased incidence of stillbirths at doses of 20 times the human dose or greater.

There are no well-controlled studies in pregnant women; therefore, use CARDIZEM in pregnant women only if the potential benefit justifies the potential risk to the fetus.

Nursing Mothers. Diltiazem is excreted in human milk. One report suggests that concentrations in breast milk may approximate serum levels. If use of CARDIZEM is deemed essential, an alternative method of infant feeding should be instituted.

Pediatric Use. Safety and effectiveness in children have not been established.

ADVERSE REACTIONS

Serious adverse reactions have been rare in studies carried out to date, but it should be recognized that patients with impaired ventricular function and cardiac conduction abnormalities have usually been excluded.

In domestic placebo-controlled trials, the incidence of adverse reactions reported during CARDIZEM therapy was not greater than that reported during placebo therapy.

The following represent occurrences observed in clinical studies which can be at least reasonably associated with the pharmacology of calcium influx inhibition. In many cases, the relationship to CARDIZEM has not been established. The most common occurrences as well as their frequency of presentation are: edema (2.4%), headache (2.1%), nausea (1.9%), dizziness (1.5%), rash (1.3%), asthenia (1.2%). In addition, the following events were reported infrequently (less than 1%):

Cardiovascular.	Angina, arrhythmia, AV block (first degree), AV block (second or third degree — see conduction warning), bradycardia, congestive heart failure, flushing, hypotension, palpitations, syncope
Nervous System.	Amnesia, gait abnormality, hallucinations, insomnia, nervousness, paresthesia, personality change, somnolence, tinnitus, tremor.
Gastrointestinal	Anorexia, constipation, diarrhea, dysgeusia, dyspepsia, mild elevations of alkaline phosphatase, SGOT, SGPT, and LDH (see hepatic warnings), vomiting, weight increase
Dermatologic.	Petechiae, pruritus, photosensitivity, urticaria.
Other	Amblyopia, dyspnea, epistaxis, eye irritation, hyperglycemia, nasal congestion, nocturia, osteoarticular pain, polyuria, sexual difficulties

The following postmarketing events have been reported infrequently in patients receiving CARDIZEM: alopecia, gingival hyperplasia, erythema multiforme, and leukopenia. However, a definitive cause and effect between these events and CARDIZEM therapy is yet to be established.

Issued 7/86

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References: 1. Pepine CJ, Feldman RL, Hill JA, et al. Clinical outcome after treatment of rest angina with calcium blockers. Comparative experience during the initial year of therapy with diltiazem, nifedipine, and verapamil. Am Heart J 1983, 106(6):1341-1347. **2.** Shapiro W. Calcium channel blockers. Actions on the heart and uses in ischemic heart disease. Consultant 1984, 24(Dec):150-159. **3.** Johnstan DL, Lesoway R, Humen DP, et al. Clinical and hemodynamic evaluation of propranolol in combination with verapamil, nifedipine and diltiazem in exertional angina pectaris: A placebo-controlled, double-blind, randomized, crossover study. Am J Cardiol 1985, 55 680-687. **4.** Cohn PF, Braunwald E: Chronic ischemic heart disease. In Braunwald E (ed). Heart Disease. A Textbook of Cardiovascular Medicine, ed 2. Philadelphia, W8 Saunders Co, 1984, chap. 39. **5.** Schroeder JS. Calcium and beta blockers in ischemic heart disease. When to use which. Mod Med 1982, 50(Sept):94-116.

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The Malpractice Climate

Eugene W. Linfors, M.D., editor

• *The question for July is: "Has the current malpractice climate caused you to view the practice of medicine differently? How? What can be done to help?*

From Frederick W. Glass, M.D., head of a section of emergency medicine at The Bowman Gray School of Medicine in Winston-Salem.

The following observations are submitted from an Emergency Physician's point of view.

Each patient must be carefully evaluated during their visit to the Emergency Department due to the fact that they may be in a very early segment of the time span of the disease process. After careful history and physical, all lab, x-ray, and other studies must be considered in the evaluation of each of the most mundane injuries or illnesses. For example: mild indigestion may be of significant coronary artery etiology and often requires precautionary work-ups. Therefore basic studies which include the EKG and laboratory work must be obtained. Mild headaches may be produced by an early intracranial bleed, mass, infection or trauma. Thus many procedures are requested in the Emergency Department which may not seem properly indicated except to other physicians who practice in a similar environment.

As a teacher to medical students and house officers, I continue to advise that not only is their patient care being judged by their medical peers but each case may some day be questioned legally and therefore may be not only judged by the legal system but scrutinized very carefully by their medical peers for the plaintiff during the case preparation.

All physicians will have to admit the practice of medicine is changing rapidly due to the malpractice climate and will continue to change as long as the litigation environment is threatening.

My observation is that almost all physicians are practicing defensive medicine to some degree. This not only is a personal view of one who has been in practice many years, but is a reflection of the attitude of most of my colleagues. Many of my friends have already been involved in cases which did not have legal merit but did require extensive time and energy to satisfy the legal inquiries even though the medical practice was proper. I believe this climate will continue until the tort system of the State of North Carolina is changed in order to relieve those physicians who practice good medicine, and the medical society begins to have a more complete audit and review of the practice of medicine of the physicians in North Carolina.

From 306 Gregson St., Durham 27701.

From T. Lynch Murphy, M.D., an internist in Salisbury.

The current malpractice climate has forced me to consider each patient as a possible litigant. Particularly I have been loath to take on new patients. If possible, I tend to refer all patients involved in automobile accidents. I have been very defensive in my medical practice and have done more laboratory work and more studies than I formerly did. Usually this has just added to the cost of medical care rather than to its quality.

I believe that tort reform is essential and that this can be achieved only by mobilizing support of all of our patients. I get the feeling that the legal system is serving the lawyers rather than the public.

From John T. Langley, M.D., an orthopaedic surgeon in Kinston.

It is difficult to describe the changes in our attitude towards the practice of medicine due to the current medical malpractice climate. Although the professional liability climate is worsening and creating an extra burden on the practice of medicine and the patients we serve, it is also the most exciting time we have seen in medical practice.

We can do more for our patients than ever before due to the advances in diagnostic technology and clinical skills that are available. We enjoy relationships with our patients and families to a greater extent as we have bonded together over the years. The results that we can achieve in treating our patients today provide a level of personal and professional gratification far beyond that envisioned a decade ago. As physicians, we are proud of our profession and what we have accomplished on behalf of our patients.

We are saddened that the concern over potential litigation has been allowed to create a barrier, largely unnecessary, between the physician and patient. This is particularly unfortunate in that it can create an atmosphere of distrust at the time this trust is most critical to a positive medical outcome. The practice of medicine is not an exact science, but is based on the sanctity of the relationship between the patient and physician. This is how it has been

throughout the long and proud tradition of medical practice, and how it must continue in the future.

From Julius A. Howell, M.D., a plastic and reconstructive surgeon in Winston-Salem.

Yes, the current malpractice climate has resulted in my viewing the practice of medicine somewhat differently.

Some 25 years ago a speaker at a conference sponsored by the American Bar Association and the American Medical Society attempted to forecast just what the malpractice climate would be 25 years later. "We are headed toward liability without fault," he said. "The patient would expect compensation for any and every bad result no matter what the cause." Now, 25 years later, we have come to almost exactly that position.

This state of affairs has resulted in my having to practice some defensive medicine on occasion, i.e., an extra x-ray here, an extra lab test there, etc. I have come to screening patients more carefully in the case of elective surgery, i.e., cosmetic surgery, etc. Informed consent admittedly has been strengthened by reason of much more complete explanations of procedures, surgery, etc. Another fall-out has been our reluctance to undertake new techniques and procedures.

I feel that the two best methods of improving the malpractice climate involve emphasizing the risk management programs and attempting to enlist the general public to our cause. Obtaining insurance coverage has become a problem, not only for the medical profession, but for many other individuals, companies, municipalities, etc. These people can be our potential allies in our efforts to improve the climate.

- *Editor's Note: These notes clearly reflect sentiments I hear over and over in casual conversations with colleagues. Most agree that the current malpractice climate has an adverse effect on the doctor-patient relationship. However, there seems to be little agreement on why the climate exists and how to improve it. Dr. Glass suggests that the Medical Society have a more complete audit and review of the practice of medicine of our physicians. What should we audit and how should we do it? If you have any suggestions, please send them and I'll share them with our readers.*

New Medical and Dental Group Formed to Treat Headache, Face and Neck Pain, and TMJ Dysfunction

On August 21, 1985, the American Academy of Head, Facial and Neck Pain and Temporomandibular Joint Orthopedics was founded in the City of Philadelphia, for the purpose of seeking speciality status for those whose main professional interest is in the clinical treatment of head, neck and face pain patients. This is not a research oriented Academy except for that research which is directly applicable to the clinical treatment of patients. Its main thrust will be the development and dissemination of the newest and most effective methods of medical, dental, pharmacological and physical medicine modalities on this specific group of patients to its members.

During the past two years 14 people have met four times to formulate the charter and draw up guidelines for this new Academy. It held its first general membership meeting in August 1986 attended by over 200 enthusiastic clinicians from a wide variety of countries and representing a multiplicity of medical and dental specialties and covered such topics as:

- Neuroanatomy of the Face and Differential Diagnosis of Face Pain — Dr. Brendan Stack, Vienna, Virginia
- Head and neck Radiology — Dr. Robert Talley, Oklahoma
- Orthopedics and Biomechanics of the Head and Neck — Dr. John Baldwin, Texas
- Craniomandibular Appliances for Pain Relief — Dr. Mike Baylin, Maryland
- Physical Medicine Modalities Applicable to the Head and Neck — Dr. Charles Holt, Texas
- Nerve Block Injections of the Head and Neck — Dr. Brendan Stack, Vienna, Virginia
- Trigger Point Injections of the Head and Neck — Dr. Edward Spiegel, Pennsylvania

The next meeting is scheduled for January 17 and 18, 1987, and will be held in Washington, D.C. All interested persons are invited to attend as either members or guests. For any additional information on this meeting or for membership requirements write:

American Academy and Board of Head,
Face and Neck Pain & TMJ Orthopedics
Medical Towers Building, Suite 803
255 S. 17th Street
Philadelphia, PA 19103

Letters to the Editor

Thank-you from Two Authors

To the Managing Editor:

The cover picture of my cat, "Sweet Thing," and the story inside, were done beautifully, and I want you to know how much I appreciate your excellent work ("The Sweet Thing," 1986;47:413-4). I've received many, many calls and letters complimenting me. I've enclosed a copy of a letter from Ann Gray, the executive editor of the *Virginia Medical Journal*. I thought you might be interested in reading it.

Again, my thanks.

Claude A. Frazier, M.D.
Doctors Park, Bldg. 4
Asheville 28801

To Doctor Frazier:

What a pleasure, your appealing piece on "The Sweet Thing" in the September issue of the *North Carolina Medical Journal*. I have sent it on to my son, who is greatly attached to a splendid cat named Roman, and his darling wife, whose allergies have enriched your specialty over the years. I am sure they will enjoy it, too.

All good wishes.

Ann Gray
Executive Editor
Virginia Medical Journal
4205 Dover Road
Richmond VA 23221

To the Editor:

I wanted to thank you for the work you did with my essay ("Listening to the Young: The Physician Surplus," 1986;47:389-91). I have never known my writing to be so polished. Indeed, it is a truly gratifying feeling to have a collegue say they enjoyed your paper, as it happened to me the other day, and for this I am very grateful to you.

The subject of the physician surplus is of continued interest to me because I believe it will directly effect the nature of the medical care delivery systems into which my contemporaries and I will emerge. Consequently, I enjoyed reading Dr. Yaggy's comment (p. 491) and the other pertinent articles in your socioeconomic section, particularly Ellenbogen, Moore, Neyland, Worden, and Wallace's article about the impact of ADSs on the aggregate cost of health care ("Alternative Delivery Systems: Do They Reduce the Aggregate Cost of Health Service?", pp. 421-2).

Thank you again for your help. I am proud to have my first publication published in the *North Carolina Medical Journal*.

J. Bohannon Mason
Medical University of South Carolina
171 Ashley Avenue
Charleston, South Carolina 29425-0682

From the Editor

It's nice to know that our authors like our journal!

To the Editor:

One of the great perversities of modern medicine is that in times of difficult medical decisions we now go to lawyers for advice on how to treat our patients. More and more we are applying to the courts seeking the proper standards for defining the responsibilities of our profession. This is especially true with regard to the dying patient.

The law has no better answers to these questions than we do. In fact, in many cases, the courts have stated that the law can provide no guidance and looks in return to medicine, to ethics, philosophy, theology, and to human nature for guidance. There are vast problems when we attempt to apply theoretical, legal abstractions to everyday practical medicine. There are no good legal generalities that universally apply to medical specifics.

In many cases, the physicians have no questions about the diagnosis, the prognosis, or even the moral, social, or religious propriety of discontinuing care when the family requests it, but are so afraid of being sued that they often refuse to do so without a court order. The terms "ordinary" and "extra ordinary" means of sustaining life have become terms so muddled that they should be abandoned.

At one time this was not a serious question because intervention was basically simple. Today the question is not "Can it be done," but "Should it be done." Today the paradox of medical practice lies in the fact that the higher the likelihood of the demise, the higher the likelihood of more intensive and more expensive treatment. Meanwhile, we physicians are struggling with conflicting, confusing laws, rules, regulations, and policies that are often harmful to the very people we are all trying to help.

The answer is quite simple. Medical decisions should be resolved by the patients, the doctors, and the family.

Walter S. Feldman, M.D., J.D., FCLM
6500 Racquet Wood Court
Charlotte 28226

A Request from Far Away

To Dr. John B. Graham:

Kindly send me your paper "The Training of Post Doctoral Fellows for Research" (NCMJ 1986;47:369-70).

Dr. Wilson Onuigbo
Medical Foundation
Bosc 1792, Enugu, Nigeria

To the Editor from Dr. Graham:

I thought you might be interested in seeing how widely read the NCMJ has become. My paper was in the July 1986 number.

John B. Graham, M.D.
Department of Pathology
School of Medicine
The University of North Carolina
Chapel Hill 27514

Hats Off

To the Editor:

I was delighted to see Nancy's Article in the *North Carolina Medical Journal* on medical education (Nancy W. Stead, M.D., and Kenneth W. Lyles, M.D., "Adding Interest and Excitement to Geriatric Clinical Rotations, 1986;47:491-3).

She writes interestingly like her Daddy, and I enjoyed reading this.

J. Lamar Callaway, M.D.
Duke University Medical Center
Department of Medicine
Dermatology Division
Durham 27710

A Thank-you from the ACS

To the Managing Editor:

The article looks great! ("Cancer in the School-Age Child: The Teacher's Role in the Return to the Classroom," by Penny Axelrod, 1986;47:475-8).

On behalf of the subcommittee on childhood cancer, thank you for all you have done in getting the article published.

Thank you from me, please call if we can be of help to you in anything else.

John R. Postiglione
American Cancer Society
North Carolina Division, Inc.
11 S. Boylan St., Suite 221
Raleigh 27611

A Comment on Dr. Yaggy's Comment

To the Editor:

Dr. Yaggy's response to the article "Listening to the Young: The Physician Surplus" by John Bohannon Mason (1986;47:389-91; "Comment," by Duncan Yaggy, p. 391) is a prime example of the kind of attitude that our future bosses will take if we as physicians are not successful in controlling the system rather than being controlled by it. His concern is only that the physicians reduce their fees and assume a portion of the insurance risk. He is unconcerned with the nature and quality of medical practice.

As he quotes, and as I again quote from Mr. Mason's article, "the physician's final reactions to the restructuring of the medical practice are still unclear." One thing is certain, our reaction to these forces must be well organized and it must be organized by physicians, not administrators. We must somehow find a way to stand together or we shall surely lose our freedom to practice as individuals. While the idea of a "union" is repugnant, it is increasingly clear that our medical societies may not be able to provide us with the kind of voice that our profession is going to require in the future.

Wayne K. Ruth, M.D.
1214 Vaughn Road, Suite A
Burlington 27215

Correction:

To the Editor:

Due to a misunderstanding on my part, the scanning electron micrographs on the second page of my article ("Dermatobia Hominis: An Unwelcome Visitor to North Carolina," 1986;47:514-6) were not credited correctly. The three scanning electron photomicrographs were graciously provided by Alan Proia, M.D., Ph.D., and Peter Saloupis, Ph.D., in the Duke Department of Ophthalmology and Pathology. I apologize for my error in the omission of their contribution to the article.

David L. Kaplan, M.D.
Division of Dermatology
Department of Medicine
Duke University Medical Center
Durham 27710



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IN STATE

January 14

Diabetes Mellitus: Management in Pregnancy and Childhood
Place: Greenville
Fee: $55
Credit: 6.5 hours Category 1 AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

January 21

GI Update: Cancer Surveillance and the Role of Biopsy in Gastrointestinal Diseases (GI)
Place: Greenville
Fee: $55
Credit: 7 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

February 11

The Psychiatric Aspects of Life Threatening Illness
Place: Greenville
Fee: $30
Credit: 3.5 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

February 20

Pediatrics Day 1987
Place: Greenville
Fee: $55
Credit: 6 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

March 5-12

Review of Clinical Chemistry for Practicing Pathologists & Clinical Chemists
Place: Greenville
Fee: $315
Credit: 40 hours Category I AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 28

March 11

Family Practice Update '87
Place: Greenville
Fee: $55
Credit: 7 hours Category 1 AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

March 21

Eighth Annual Pulmonary Disease Update
Place: Greenville
Fee: $55
Credit: 6.5 hours Category 1 AMA
Info: The Office of CME, ECU School of Medicine, Box 7224, Greenville 27835-7224. 919/758-5200, ext 208

Nursing

The following are continuing education courses offered by the UNC-Chapel Hill School of Nursing. Except where otherwise noted, contact Nettie Wilburn, CPS, Office of Continuing Education, University of North Carolina, Chapel Hill 27514. 919/966-3638.

January 9 - March 5

NC-NCAST 2: Parent-Child Assessment
Place: Elizabeth City
Credit: 3.96 CEUs
Fee: $75

January 13 - April 21

Comprehensive Gerontological Nursing
Place: Greenville
Credit: 2 Graduate; 3 CEUs
Fee: $3

January 16 - May 15

Child and Adolescent Nurse: Caring for the Ill Child
Place: Chapel Hill
Credit: 3.97 CEUs
Fee: $270

February 12-13

Communication Skills for the Nurse Manager
Place: Chapel Hill
Credit: 1.32 CEUs
Fee: $150

February 19-20

Human Response to AIDS — Coping and Caring
Place: Chapel Hill
Credit: 1.32 CEUs
Fee: $70

February 20-21

Writing and Publishing
Place: Chapel Hill
Credit: 2.04 CEUs
Fee: $180

OUT OF STATE

December 1-7

Third Annual Doppler & 2-D Echocardiography
Place: San Francisco, CA
Fee: $895
Credit: 40 hours Category I AMA
Info: Lisa Krehbiel, 30131 Town Center Dr. #215, Laguna Niguel, CA 92677. 714/495-4499

December 8-10

Diet and Exercise in Noninsulin-Dependent Diabetes Mellitus
Place: Bethesda, MD
Credit: 12.5 hours Category 1 AMA
Info: Sharon Feldman, Prospect Associates, 1801 Rockville Pike, Suite 500, Rockville, MD 20852. 301/468-6555

December 19-20

Advances in Gastrointestinal Surgery
Place: Lexington, KY
Credit: Category I AMA
Info: Joy Greene, 132 College of Medicine Office Bldg., University of Kentucky, Lexington, KY 40536-0086. 606/233-5161

January 9-17

Medical Updates VIII: A Review of Recent Advances in Medicine
Place: Park City, UT
Info: Ramona Miller, Ph.D., Office of CME, Quillen-Dishner College of Medicine, Johnson City, TN 37614. 615/929-6204

January 12-16

The Physician in Management, Seminars I & II
Place: San Diego, CA
Credit: 31 CME credits each
Info: Sherry Mason, American Academy of Medical Directors, 4830 W. Kennedy Blvd., Suite 648, Tampa, FL 33609. 813/873-2000

January 26-29

Alton D. Brashear Postgraduate Course in Head & Neck Anatomy
Place: Richmond, VA
Fee: $225-$375
Credit: 40 hours AGD, AAGP
Info: Hugo R. Seibel, M.D., Dept. of Anatomy, Box 709, Medical College of Virginia, Richmond, VA 23298

January 30 - February 1

Sixth Annual Perspectives on New Diagnostic and Therapeutic Techniques in Clinical Cardiology
Place: Lake Buena Vista, FL
Fee: $315 ACC members; $380 non-members
Credit: 14.5 hours Category 1 AMA; AAFP
Info: Extramural Programs Dept., American College of Cardiology, 9111 Old Georgetown Rd., Bethesda, MD 20814. 301/897-5400, ext. 226; 800/253-INFO

February 2-4

Anatomic Basis for New Cardiac Imaging Techniques
Place: Bethesda, MD
Fee: $415 ACC members; $465 non-members
Credit: 17.5 hours Category 1 AMA
Info: Heart House Learning Center, American College of Cardiology, 9111 Old Georgetown Rd., Bethesda, MD 20814. 301/897-5400; 800/253-INFO

February 3-8

16th Annual Pediatric Postgraduate Course
Place: Palm Springs, CA
Credit: 18 hours Category 1 AMA
Info: Ann J. Boehme, Schneider Children's Hospital of Long Island Jewish Medical Center, New Hyde Park, NY 11042. 718/470-8650

February 10-13

Cardiopulmonary Rehabilitation: Status '87

Place: Orlando, FL
Fee: $275; $175 Nurse, Therapist, Allied Health Professional
Credit: 19.5 hours Category I AMA
Info: Kathy Liebhauser, Division of CME, 1938 West University Ave., Gainesville, FL 32603. 904/392-1701

February 20-21

Flexible Fiberoptic Sigmoidoscopy

Place: Augusta, GA
Info: Division of CME, Medical College of Georgia, Augusta, GA 30912-6450. 404/828-3967

February 21-28

Duke at Vail: Symposium on Inflammatory Diseases

Place: Vail, CO
Credit: 20 hours Category I AMA
Fee: $350; $250 Residents and Interns
Info: Angelika Langen, Box 3135 DUMC, Durham 27710. 919/684-2504

February 23-28

Symposium in Doppler & 2-D Echocardiography
Place: San Antonio, TX
Fee: $895
Credit: 40 hours Category I AMA
Info: Lisa Krehbiel, 30131 Town Center Dr. #215, Laguna Niguel, CA 92677. 714/495-4499

February 25-28

The Nineteenth Teaching Conference in Clinical Cardiology
Place: Bal Harbour, FL
Fee: $400; $375 Fellows & members AHA Council on Clinical Cardiology; $250 physicians in training
Credit: 28 hours Category I AMA; AAFP
Info: Michael S. Gordon, M.D., Ph.D., University of Miami School of Medicine (D-41), P.O. Box 016960, Miami, FL 33101. 305/547-6491

February 27-28

Advance Trauma Life Support
Place: Mountain Home, TN
Info: Ramona Miller, Ph.D., Office of CME, Quillen-Dishner College of Medicine, Johnson City, TN 37614. 615/929-6204

March 1-7

Update '87: Office Obstetrics and Gynecology
Place: Park City, UT
Info: Charlene E. Lee, Scott & White Memorial Hospital, 2401 South 31st St., Temple, TX 76508. 817/774-4073

March 4-8

Pan American Allergy Society Annual Training Course & Seminar
Place: San Antonio, TX
Fee: $415 members
Info: Betty Kahler, PAAS, 229 Parking Way, Lake Jackson, TX 77566. 409/297-8964 or 297-4069

March 8-13

Annual Meeting, US-Canadian Division of the International Academy of Pathology
Place: Chicago, IL
Info: Nathan Kuafman, M.D., Secretary-Treasurer, US-Canadian Division, International Academy of Pathology, Bldg. C, Ste. B, 3515 Wheeler Rd., Augusta, GA 30909. 404/733-7550

March 9-13

Hawaii '87: Critical Issues in Primary Care
Place: Kauai, HA
Credit: 20 hours Category I AMA, AAFP
Info: The Pacific Institute of CME, P.O. Box 1059, Koloa, Kauai, HA 96756. 808/742-7471

In Memoriam

David Cayer, M.D.

On June 3rd, 1986, our associate, Dr. David Cayer, died of vascular complications.

His colleagues at Forsyth Medical Specialists and those who know Dr. Cayer mourn his passing. Dr. Cayer was a superb teacher, recognized researcher and excellent, loving, caring physician. He will be missed by all of those who were fortunate enough to come in contact with him during his very productive life.

Many persons have expressed a desire to remember him. We, along with his family, have established a Gastroenterology Lectureship in his name, to be held annually at Forsyth Memorial Hospital, Winston-Salem, North Carolina.

We felt that the members of the Medical Society would like to honor Dr. Cayer with this Lectureship. Memorials should be sent to David Cayer, M.D. GI Lectureship, c/o Forsyth Memorial Hospital, Attn: Mrs. Becky Morrison, 3333 Silas Creek Parkway, Winston-Salem, North Carolina 27103.

Thank you for your consideration.

M. Frank Sohmer, Jr., M.D.
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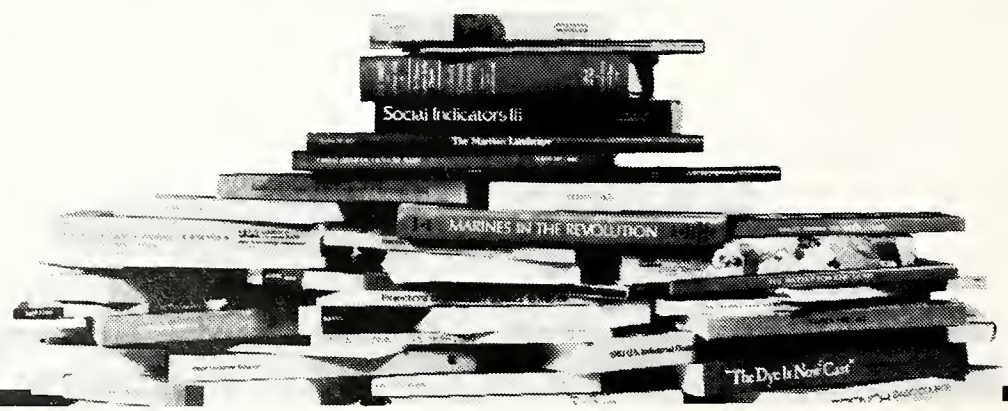
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Warnings: Do not use potassium supplements, dietary or otherwise, unless hypokalemia develops or dietary intake of potassium is markedly impaired. If supplementary potassium is needed, potassium tablets should not be used. Hyperkalemia can occur, and has been associated with cardiac irregularities. It is more likely in the severely ill, with urine volume less than one liter/day, the elderly and diabetics with suspected or confirmed renal insufficiency. Periodically, serum K^+ levels should be determined. If hyperkalemia develops, substitute a thiazide alone, restrict K^+ intake. **Associated widened QRS complex or arrhythmia requires prompt additional therapy.** Thiazides cross the placental barrier and appear in cord blood. Use in pregnancy requires weighing anticipated benefits against possible hazards, including fetal or neonatal jaundice, thrombocytopenia, other adverse reactions seen in adults. Thiazides appear and triamterene may appear in breast milk. If their use is essential, the patient should stop nursing. Adequate information on use in children is not available. Sensitivity reactions may occur in patients with or without a history of allergy or bronchial asthma. Possible exacerbation or activation of systemic lupus erythematosus has been reported with thiazide diuretics.

Precautions: The bioavailability of the hydrochlorothiazide component of 'Dyazide' is about 50% of the bioavailability of the single entity. Theoretically, a patient transferred from the single entities of triamterene and hydrochlorothiazide may show an increase in blood pressure or fluid retention. Similarly, it is also possible that the lesser hydrochlorothiazide bioavailability could lead to increased serum potassium levels. However, extensive clinical experience with 'Dyazide' suggests that these conditions have not been commonly observed in clinical practice. Angiotensin-converting enzyme (ACE) inhibitors can elevate serum potassium; use with caution with 'Dyazide'. Do periodic serum electrolyte determinations (particularly important in patients vomiting excessively or receiving parenteral fluids, and during concurrent use with amphotericin B or corticosteroids or corticotropin [ACTH]). Periodic BUN and serum creatinine determinations should be made, especially in the elderly, diabetics or those with suspected or confirmed renal insufficiency. Cumulative effects of the drug may develop in patients with impaired renal function. Thiazides should be used with caution in patients with impaired hepatic function. They can precipitate coma in patients with severe liver disease. Observe regularly for possible blood dyscrasias, liver damage, other idiosyncratic reactions. Blood dyscrasias have been reported in patients receiving triamterene, and leukopenia, thrombocytopenia, agranulocytosis, and aplastic and hemolytic anemia have been reported with thiazides. Thiazides may cause manifestation of latent diabetes mellitus. The effects of oral anticoagulants may be decreased when used concurrently with hydrochlorothiazide; dosage adjustments may be necessary. Clinically insignificant reductions in arterial responsiveness to norepinephrine have been reported. Thiazides have also been shown to increase the paralyzing effect of nondepolarizing muscle relaxants such as tubocurarine. Triamterene is a weak folic acid antagonist. Do periodic blood studies in cirrhotics with splenomegaly. Antihypertensive effects may be enhanced in post-sympathectomy patients. Use cautiously in surgical patients. Triamterene has been found in renal stones in association with the other usual calculus components. Therefore, 'Dyazide' should be used with caution in patients with histories of stone formation. A few occurrences of acute renal failure have been reported in patients on 'Dyazide' when treated with indomethacin. Therefore, caution is advised in administering nonsteroidal anti-inflammatory agents with 'Dyazide'. The following may occur: transient elevated BUN or creatinine or both, hyperglycemia and glycosuria (diabetic insulin requirements may be altered), hyperuricemia and gout, digitalis intoxication (in hypokalemia), decreasing alkali reserve with possible metabolic acidosis. 'Dyazide' interferes with fluorescent measurement of quinidine. Hypokalemia is uncommon with 'Dyazide', but should it develop, corrective measures should be taken such as potassium supplementation or increased dietary intake of potassium-rich foods. Corrective measures should be instituted cautiously and serum potassium levels determined. Discontinue corrective measures and 'Dyazide' should laboratory values reveal elevated serum potassium. Chloride deficit may occur as well as dilutional hyponatremia. Concurrent use with chlorpropamide may increase the risk of severe hyponatremia. Serum PBI levels may decrease without signs of thyroid disturbance. Calcium excretion is decreased by thiazides. 'Dyazide' should be withdrawn before conducting tests for parathyroid function. Thiazides may add to or potentiate the action of other antihypertensive drugs. Diuretics reduce renal clearance of lithium and increase the risk of lithium toxicity.

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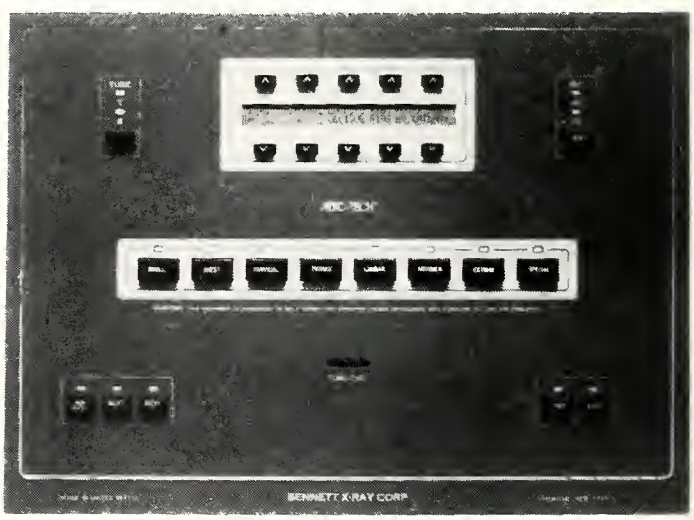
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"THE TREATMENT OF SLEEP DISORDERS"[8]

"...highly effective for both sleep induction and sleep maintenance"

Sleep Laboratory Investigator
Pennsylvania

"...onset of action is rapid...provides sleep with no rebound effect to agitate the patient the following day"

Psychiatrist
California

"...appears to have the best safety record of any of the benzodiazepines"

Psychiatrist
California

After 15 years, the experts still concur about the continuing value of Dalmane (flurazepam HCl/Roche). It provides sleep that satisfies patients... and the wide margin of safety that satisfies you.

The recommended dose in elderly or debilitated patients is 15 mg. Contraindicated in pregnancy.

DALMANE®

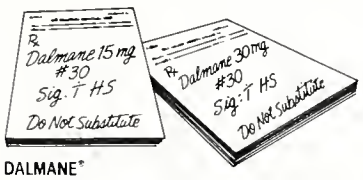
brand of
flurazepam HCl/Roche Ⓡ

sleep that satisfies

15-mg/30-mg
capsules



References: **1.** Kales J, *et al: Clin Pharmacol Ther 12*:691-697, Jul-Aug 1971. **2.** Kales A, *et al: Clin Pharmacol Ther 18*:356-363, Sep 1975. **3.** Kales A, *et al. Clin Pharmacol Ther 19*:576-583, May 1976. **4.** Kales A, *et al: Clin Pharmacol Ther 32*:781-788, Dec 1982. **5.** Frost JD Jr, DeLucchi MR: *J Am Geriatr Soc 27*:541-546, Dec 1979. **6.** Dement WC, *et al: Behav Med*, pp. 25-31, Oct 1978. **7.** Kales A, Kales JD: *J Clin Psychopharmacol 3*:140-150, Apr 1983. **8.** Tennant FS, *et al*: Symposium on the Treatment of Sleep Disorders, Teleconference, Oct 16, 1984. **9.** Greenblatt DJ, Allen MD, Shader RI: *Clin Pharmacol Ther 21*:355-361, Mar 1977.



DALMANE®
brand of
flurazepam HCl/Roche Ⓡ

Before prescribing, please consult complete product information, a summary of which follows:

Indications: Effective in all types of insomnia characterized by difficulty in falling asleep, frequent nocturnal awakenings and/or early morning awakening, in patients with recurring insomnia or poor sleeping habits, in acute or chronic medical situations requiring restful sleep. Objective sleep laboratory data have shown effectiveness for at least 28 consecutive nights of administration. Since insomnia is often transient and intermittent, prolonged administration is generally not necessary or recommended. Repeated therapy should only be undertaken with appropriate patient evaluation.

Contraindications: Known hypersensitivity to flurazepam HCl, pregnancy. Benzodiazepines may cause fetal damage when administered during pregnancy. Several studies suggest an increased risk of congenital malformations associated with benzodiazepine use during the first trimester. Warn patients of the potential risks to the fetus should the possibility of becoming pregnant exist while receiving flurazepam. Instruct patients to discontinue drug prior to becoming pregnant. Consider the possibility of pregnancy prior to instituting therapy.

Warnings: Caution patients about possible combined effects with alcohol and other CNS depressants. An additive effect may occur if alcohol is consumed the day following use for nighttime sedation. This potential may exist for several days following discontinuation. Caution against hazardous occupations requiring complete mental alertness (*e.g.*, operating machinery, driving). Potential impairment of performance of such activities may occur the day following ingestion. Not recommended for use in persons under 15 years of age. Withdrawal symptoms rarely reported, abrupt discontinuation should be avoided with gradual tapering of dosage for those patients on medication for a prolonged period of time. Use caution in administering to addiction-prone individuals or those who might increase dosage.

Precautions: In elderly and debilitated patients, it is recommended that the dosage be limited to 15 mg to reduce risk of oversedation, dizziness, confusion and/or ataxia. Consider potential additive effects with other hypnotics or CNS depressants. Employ usual precautions in severely depressed patients, or in those with latent depression or suicidal tendencies, or in those with impaired renal or hepatic function.

Adverse Reactions: Dizziness, drowsiness, lightheadedness, staggering, ataxia and falling have occurred, particularly in elderly or debilitated patients. Severe sedation, lethargy, disorientation and coma, probably indicative of drug intolerance or overdosage, have been reported. Also reported: headache, heartburn, upset stomach, nausea, vomiting, diarrhea, constipation, GI pain, nervousness, talkativeness, apprehension, irritability, weakness, palpitations, chest pains, body and joint pains and GU complaints. There have also been rare occurrences of leukopenia, granulocytopenia, sweating, flushes, difficulty in focusing, blurred vision, burning eyes, faintness, hypotension, shortness of breath, pruritus, skin rash, dry mouth, bitter taste, excessive salivation, anorexia, euphoria, depression, slurred speech, confusion, restlessness, hallucinations, and elevated SGOT, SGPT, total and direct bilirubins, and alkaline phosphatase, and paradoxical reactions, *e.g.*, excitement, stimulation and hyperactivity.

Dosage: Individualize for maximum beneficial effect. *Adults*: 30 mg usual dosage, 15 mg may suffice in some patients. *Elderly or debilitated patients*: 15 mg recommended initially until response is determined.

Supplied: Capsules containing 15 mg or 30 mg flurazepam HCl.

ROCHE®
Roche Products Inc.
Manati, Puerto Rico 00701

#1 FOR SLEEP

After more than 15 years of use, it's #1 for sleep that satisfies. Patients are satisfied because they fall asleep fast and stay asleep till morning.[1-6] And *you're* satisfied by the exceptionally wide margin of safety.[7-9] As always, caution patients about driving or drinking alcohol.

Please see adjacent page for references and summary of product information.

DALMANE®

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sleep that satisfies



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